

Museum kicks off MIT 150 celebration

Exhibit starts Friday; 150th birthday to be honored through spring

By Ethan A. Solomon
STAFF REPORTER

A pulverized piano. The MIT CityCar. The original Bose prototype speaker. These items, and 147 others, will be presented to the world in the MIT 150 Exhibition at the MIT Museum. The exhibit, which aims to chronicle 150 years of Institute history through 150 objects, opens this Saturday to kick off a semester-long celebration of MIT's 150th birthday.

The 150 Exhibition, designed through the "collective intelligence" of the MIT community, is the first of its kind for the MIT Museum, according to exhibit curator Deborah G. Douglas. "The best part of this exhibition is that we really did succeed in engaging a sizeable part of the MIT community," said Douglas.

In the 150 Exhibition's case, the MIT Museum received more than 700 nominations from students, faculty, alumni, and staff for items to be featured in the exhibit. A round of community voting was held to help determine which 150 objects would make the final cut.

"It was a collaborative process," said Douglas, noting that some popular objects were too large or



SAM RANGE—THE TECH

Members of the Media Lab CityCar project lift a scale prototype of their electric vehicle onto a display at the MIT Museum. The museum is featuring a year-long exhibit for MIT's 150th anniversary, highlighting 150 objects from the Institute's history.

otherwise difficult to feature in the Exhibition, but that the Museum paid close attention to the voting results. The Museum had a "need to balance institutional resources, what's available, the size of the freight elevator," among other fac-

tors, she said.

In an advance preview of the 150 Exhibition given to *The Tech*, many of the objects which received the most votes were prominently featured. The "Baker House Piano Drop," which received more

votes than any other object, was immortalized in a reconstructed display using the pieces of last year's piano. Glass Lab artwork, the third most popular item, was

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Tweeting at the 'Tute

Many groups find Twitter to be useful

By Stan Gill
STAFF REPORTER

It's no surprise that Facebook accounts make up 78 percent of total social networking usage online, according to marketing firm Social Twist — but what about Twitter? An update of 140 characters or less may seem like an unlikely news source, but more and more companies and organizations, including media outlets, are jumping to add Twitter to their methods of reaching the masses.

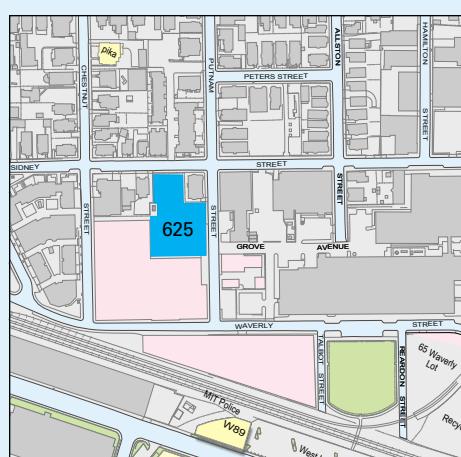
MIT organizations are no exception. According to a list from the MIT News Office, at least 75 MIT groups tweet to supplement information released to students and MIT affiliates through word-of-mouth and e-mail. If there are so many tweets from all these organizations, what's in them and why should students care?

The MIT organizations that tweet tend to use the tool as a form of outreach and advertising. For instance, the News Office tweets many of its top stories as well as updates on newsworthy events. Twitter is particularly useful in ensuring that word

Twitter@MIT, Page 10

IN SHORT

625 Putnam Avenue (cyan), a building directly abutting MIT's investment properties (pink) at the corner of Putnam and Waverly Street, was demolished over winter break. In its place, Homeowner's Rehab, Inc. will develop a 40-unit affordable housing complex. The property is between Pika and the pedestrian railroad crossing near Simmons Hall.



Locker rooms in DuPont will be closed tomorrow and Friday, and there will be no access to their contents until Saturday.

Economy Hardware is renovating their 438 Mass. Ave. store in Central Square. The store closed in December and will reopen sometime in the spring. In the meantime, the hardware store closest to campus is Pill Hardware at 743 Mass. Ave. opposite the Central Square Post Office.

Anna Tang went home, p. 13. **UA Finboard** results, p. 15 (analysis to follow next week). **Police Log**, we're caught up!, p. 12. **Cameras on Bldg. 54**, p. 13. **Stanford v. Roche**, p. 14.

Send news information and tips to news@tech.mit.edu.

Wolfe Styke sues MIT for \$50,000

Claims security was negligent

By John A. Hawkinson
NEWS EDITOR

Wolfe B. Styke '10 is suing MIT and Russell J. Novello, a former Next House security guard, for \$50,000 in a personal injury lawsuit filed in October in Middlesex Superior Court.

Styke was stabbed seven times by former Wellesley student Anna L. Tang in October 2007. Novello was the security guard who lent Tang a key to Styke's Next House dormitory room. Novello, who is no longer employed by MIT, testified at Tang's trial that he believed Tang was Styke's girlfriend; he was unaware they had broken up.

As a result of his injuries, Styke finished his undergraduate work this past fall, a term late. He will continue as an M.Eng student in Electrical Engineering and Computer Science this spring.

According to the lawsuit, Styke claims that both MIT and Novello owed Styke "a duty of reasonable care," which included providing security to Styke's dorm room.

Novello "was negligent and careless in breach of his duty of reasonable care in allowing [Anna] Tang to access, enter, and be present in" Styke's room, the lawsuit says.

According to the suit, Styke estimates his past expenses at \$30,000: \$10,000 in hospital expenses at Massachusetts General Hospital and

MIT Medical, and \$20,000 in lost MIT tuition. He anticipates \$20,000 of future plastic surgery expenses, bringing the total to \$50,000.

MIT has not yet filed its response to the suit. That response is due on Friday, Jan. 14.

The amount MIT might pay is limited, however. Massachusetts law restricts the liability of charitable corporations, like MIT, to \$20,000, excluding costs and interest. Styke's \$50,000 represents costs.

Given that Novello has admitted to giving Tang access to Styke's room and Styke's injuries are well-documented, it seems likely that Styke will prevail in the lawsuit, or it will move quickly to a settlement.

If the case stays in the court system and there are no delays, it is scheduled to come to trial in February 2012. But court cases routinely see delays of months or years.

MIT's lawyers declined to comment on the case, saying that it is pending litigation. MIT is not represented by outside counsel on this case at this time.

Styke's attorney, W. Thomas Smith of Sugarman & Sugarman, declined to comment, saying it was not in the best interests of his client to do so. Styke himself also declined to comment.

Novello's attorney, Anthony Pesce, could not be reached last night.



MINH PHAN—THE TECH
Four plastic coyotes appeared on Briggs Field yesterday. Some speculate that they are intended to discourage geese from landing and defecating on the grass.

Mental health needs growing

Colleges see more crises

By Trip Gabriel

THE NEW YORK TIMES; DEC. 19, 2010

STONY BROOK, N.Y. — Rushing a student to a psychiatric emergency room is never routine, but when Stony Brook University logged three trips in three days, it did not surprise Jenny Hwang, the director of counseling.

It was deep into the fall semester, a time of mounting stress with finals looming and the holiday break not far off, an anxiety all its own.

On a Thursday afternoon, a freshman who had been scraping bottom academically posted thoughts about suicide on Facebook. If I

were gone, he wrote, would anybody notice? An alarmed student told staff members in the dorm, who called Hwang after hours, who contacted the campus police. Officers escorted the student to the county psychiatric hospital.

There were two more runs over that weekend, including one late Saturday night when a student grew concerned that a friend with a prescription for Xanax, the anti-anxiety drug, had swallowed a fistful.

On Sunday, a supervisor of residence halls, Gina Vanacore, sent a BlackBerry update to Hwang, who has

Mental Health, Page 11

A FILM FIT FOR A KING

The King's Speech is one of the best movies playing right now. See why you should see it.

ARTS, p. 8

LIBERTARIANS AT MIT?

Surprisingly, there are quite a few, according to a *Tech* survey. **OPN, p. 5**

WE NEED MORE STUDENTS!

Keith Yost explains why MIT should expand enrollment. **OPN, p. 4**



ARE YOU AT THE MUSEUM RIGHT NOW?

This issue of *The Tech* is featured at the 150 Exhibition. See the photo at the left? That may be where you are. **NUZ, p. 1**

THE NEXT GREAT AMERICAN CRISIS

Are college loans sustainable? How can colleges find ways to be less expensive? **OPN, p. 5**

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Wanted: New chiefs of staff for Obama and Biden

WASHINGTON — President Barack Obama and Vice President Joe Biden are both looking for new chiefs of staff now. Those are the more prominent changes under consideration for a midterm makeover that so far suggests continuity more than a shakeup.

The potential jobs range from chief of staff, considered by many the second-most-powerful person in the White House, to perhaps the press secretary, the public face of the White House, should Robert Gibbs leave. And the openings could include a cabinet post if the current job-holder is shifted elsewhere.

With Obama back at the White House on Tuesday after a vacation in Hawaii, White House aides said some personnel decisions could be announced perhaps this week. Among the announcements expected soon is a successor to Lawrence Summers, who has returned to teach at Harvard, as the chief White House economic adviser.

The leading candidate is believed to be Gene Sperling, who held the job under President Bill Clinton and is currently a counselor to the Treasury secretary, Timothy Geithner. Other candidates have included Roger Altman, a Wall Street financier who was a deputy Treasury secretary under Clinton, and Richard Levin, an economist and the longtime president of Yale University.

—Jackie Calmes and Helene Cooper, The New York Times

Sharp debate surrounds death of Palestinian woman

BILIN, West Bank — Clashing narratives over the case of a 36-year-old Palestinian woman who died Saturday is fast making her a new symbol of the enduring conflict here, with the Israeli military anonymously casting doubt on Palestinian accounts — backed by medical documents — that she died from inhaling tear gas.

The woman's relatives, village leaders and staff members at the hospital in Ramallah where she was treated said that she was fatally sickened by tear gas fired on Friday by Israeli forces during the weekly protest against Israel's separation barrier in the Palestinian village of Bilin. Her mother said she and her daughter, Jawaher Abu Rahmah, were watching the protest from a distance when a cloud of tear gas wafted their way, causing her daughter to collapse.

But Israeli military officials, who insisted on anonymity while their investigation was continuing, told various journalists and bloggers that they had never heard of tear gas killing anyone in the open, and raised the possibility that she had some pre-existing ailment that, alone or compounded by the tear gas, caused her death.

—Isabel Kershner, The New York Times

Bomb in Kabul kills an officer

KABUL, Afghanistan — A bomb exploded near the Defense Ministry in downtown Kabul during rush hour on Tuesday, killing a police officer and wounding another along with two civilians, the Interior Ministry said.

A French soldier at the scene who works in bomb disposal said the blast happened at 7:56 a.m. "It was an artillery shell converted into a bomb. We don't know yet if it was detonated by a timer or by remote control."

Bombings are unusual in Kabul. The last major attack, against a guesthouse catering to Indians, occurred nearly 11 months ago. This one was less than a mile from the presidential palace.

"It was not a big bomb," said the French soldier, who spoke anonymously because he was not authorized to speak to the news media. "They do it to terrorize people."

—Michael Kamber, The New York Times

WEATHER

A Snowy December

By Allison A. Wing
STAFF METEOROLOGIST

According to the National Weather Service, this December was the 9th snowiest December on record for Boston, MA, with 22 inches of snow recorded. A significant portion of that (18.2 inches) was due to a single storm, the December 26-27 storm. This snowstorm tied for the 10th greatest snowstorm total for Boston, and was also the greatest 24 hour December snowfall amount. We won't need to

wait long for our next chance at significant snowfall. Following a high pressure system that will have control over the area until Friday, the forecast models are predicting the development of a strong coastal or offshore low pressure system that would impact our area Friday-Saturday. There is still much uncertainty surrounding this system, both in terms of the timing and track (which of course affects the snowfall total), but there is a good likelihood for precipitation in our region.

Extended Forecast

- Today:** Partly cloudy. High 37°F (3°C). West winds at 7-10 mph.
- Tonight:** Partly cloudy. Low 21°F (-6°C). West winds at 3-7 mph.
- Tomorrow:** Mostly cloudy. High 35°F (-2°C). Low 28°F (-2°C). West winds at 6-9 mph becoming southerly.
- Friday:** Snow showers. High 35°F (2°C). Low 28°F (-2°C). East winds at 5-10 mph.
- Saturday:** Snow and wind. High 33°F (1°C). Low 25°F (-4°C). Northwest winds at 15-20 mph.

Birthright citizenship looms as next immigration battle

By Marc Lacey
THE NEW YORK TIMES

NOGALES, Ariz. — Of the 50 or so women bused to this border town on a recent morning to be deported back to Mexico, Inez Vasquez, eight months pregnant, stood out.

"All I want is a better life," she said after the Border Patrol discovered her hiding in the bushes on the Arizona side of the border with her husband, her young son and her very pronounced abdomen.

The next big immigration battle looming centers on illegal immigrants' offspring, who are granted automatic citizenship like all other babies born on U.S. soil. Arguing for an end to the policy, which is rooted in the 14th Amendment of the Constitution, immigration hard-liners describe a wave of migrants like Vasquez stepping across the border in the advanced stages of pregnancy to have what are dismissively called "anchor babies."

Still, Arizona — whose law granting the police the power to detain illegal immigrants is tied up in the courts — may again take the lead in

what is essentially an effort to redefine what it means to be an American. This time, though, Arizona lawmakers intend to join with legislators from several other states to force the issue before the Supreme Court.

This coalition of lawmakers will unveil its specific plans Wednesday in Washington, but people involved in drafting the legislation say they have decided against the painstaking process of amending the Constitution. Since the federal government decides who is to be deemed a citizen, the lawmakers are considering instead a move to create two kinds of birth certificates in their states, one for the children of citizens and another for the children of illegal immigrants.

The theory is that this could spark a flurry of lawsuits that might resolve the legal conflict in their favor. Most scholars of the Constitution consider the states' effort to restrict birth certificates patently unconstitutional.

"This is political theater, not a serious effort to create a legal test," said Gabriel J. Chin, a law professor at the University of Arizona.

Despite being called "anchor

babies," the children of illegal immigrants born in the United States cannot actually prevent deportation of their parents. It is not until they reach the age of 21 that the children are able to file paperwork to sponsor their parents for legal immigration status.

In April, Rep. Duncan Hunter, R-Calif., one of those pushing for congressional action on the citizenship issue, stirred controversy when he suggested that children born in the United States to illegal immigrants should be deported with their parents until the birthright citizenship policy was changed.

"And we're not being mean," Hunter told a Tea Party rally in Southern California. "We're just saying it takes more than walking across the border to become an American citizen."

Immigrant advocates say intolerance is driving the measure.

"They call themselves patriots, but they pick and choose which parts of the Constitution they support," said Lydia Guzman, a Latino activist in Phoenix. "They're fear-mongers. They're clowns."

Qualcomm said to be near deal to purchase chip maker

**By Peter Lattman
and Andrew Ross Sorkin**
THE NEW YORK TIMES

Qualcomm, the pioneering wireless technology company, is near an agreement to buy the chip maker Atheros Communications for about \$3.5 billion, according to two people with direct knowledge of the talks, in a deal that underscores the emerging dominance of smart phones and tablet computers. The transaction is expected to be announced on Wednesday morning, said these people. They added the negotiations were in their final stages but could still fall apart.

For Qualcomm, which has traditionally focused on developing its proprietary technologies for cell phones, the acquisition — its largest ever — would signal a major shift. Qualcomm has been looking to expand beyond its core market of providing chips for wireless voice tech-

nology and move more aggressively into chip making for smart phones and tablets.

An announcement of a Qualcomm-Atheros tie-up would coincide with the start of the Consumer Electronics Show in Las Vegas, where the two companies will be displaying their products.

Qualcomm is offering \$45 a share, said the people with direct knowledge of the talks. That represents a premium of 29 percent to Atheros' average stock price over the last month and a premium of 21 percent to its trading on Tuesday afternoon. Shares of Atheros jumped after the report, closing up almost 19 percent, at \$44.

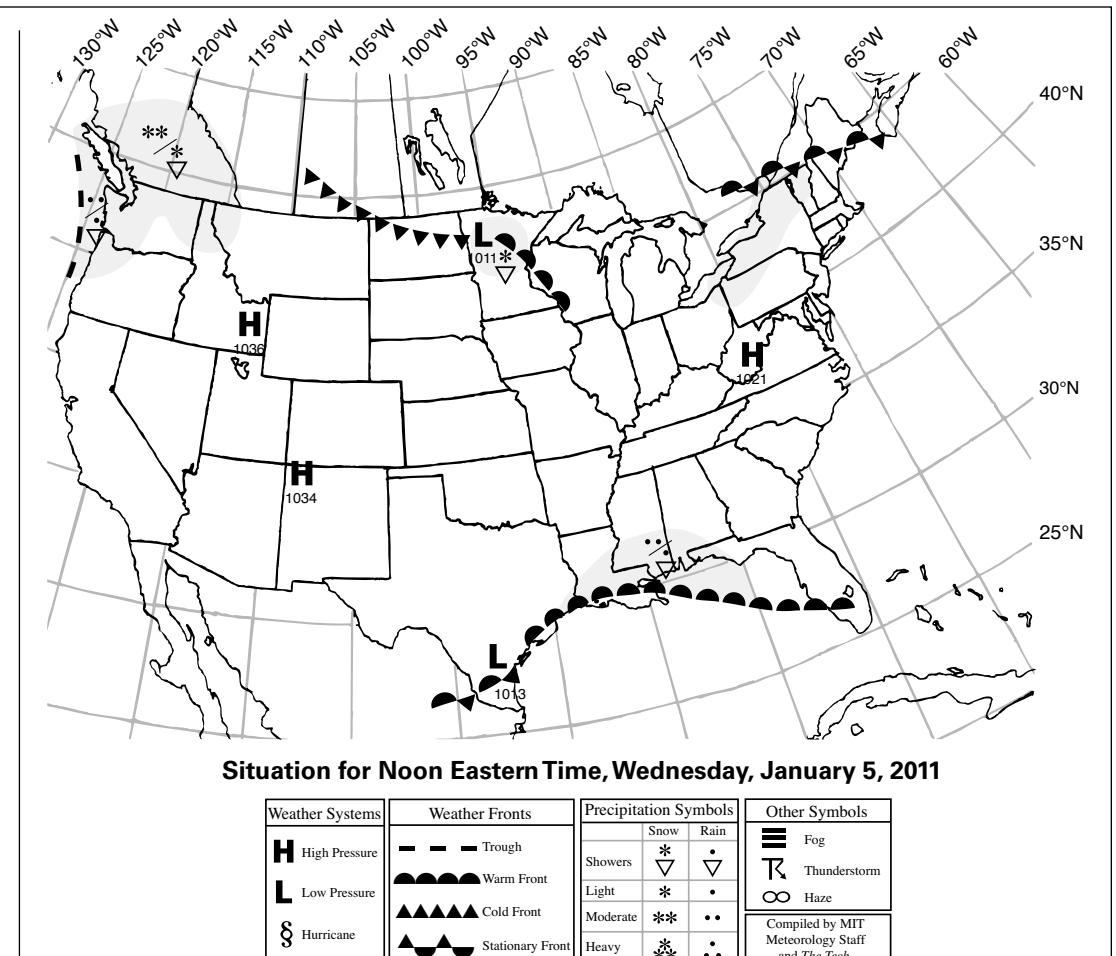
Qualcomm has long been one of the dominant players in supplying chips to wireless phones for voice communications. But in recent years, Paul E. Jacobs, its chief executive, has expressed a keen interest in diversifying and improving its prod-

uct line as cell phones have evolved into smart phones and tablets. These devices require more processing power and myriad types of connectivity, like Wi-Fi, Bluetooth and GPS.

Atheros, based in San Jose, Calif., is one of the top chip makers for these new technologies, so an acquisition would allow Qualcomm, which has a market value of \$82.5 billion, to make further inroads in these markets.

This week, Atheros announced several new wireless products that bring Wi-Fi and Bluetooth technology to tablets while reducing power consumption and increasing the longevity of batteries in such devices.

Through the first nine months of 2010, Atheros earned \$77.6 million on \$700 million in revenue. The company, whose chief executive is Craig H. Barratt, has about 1,700 employees. Atheros was founded in 1998, partly by John L. Hennessy, now president of Stanford.



WEDNESDAY, JANUARY 5, 2011

Many implanted defibrillators unnecessary, study finds

By Denise Grady
THE NEW YORK TIMES

Doctors are implanting high-tech heart devices in thousands of people who probably do not need them, a new study finds. The procedures cost more than \$35,000, involve surgery and anesthesia, and may unnecessarily harm some patients.

The devices, called defibrillators, fire an electrical shock to jolt the heart back into a normal rhythm if it starts to beat in a disordered way that can cause sudden death. In people who truly need them, for conditions that can fatally disrupt heart rhythm, defibrillators can be life-saving.

Each year, about 100,000 are implanted in the United States. The new findings fit into a larger pattern of misuse of defibrillators: Paradoxically, previous research has also found that many people who need defibrillators do not get them. The reasons are not known but may include the cost and also a reluctance by both doctors and patients to accept a surgically implanted device, especially if the patient is feeling fine

and has no symptoms of the underlying problem.

Professional societies set guidelines that specify when the defibrillators should be used, based on studies showing which patients they help. To find out if doctors have been complying, researchers examined the records of 111,707 people who received the implants at 1,227 U.S. hospitals from January 2006 to June 2009. The records were part of a national registry, and the National Heart, Lung and Blood Institute paid for the study.

The researchers were surprised to find that more than 25,000 people — 22.5 percent of all those who got defibrillators — did not match the guidelines. Most of the patients were 64 to 68. For unknown reasons, blacks and Hispanics were more likely than whites to get defibrillators they probably did not need. At many centers, more than 40 percent of the devices went to patients outside the guidelines.

Why are doctors not following the expert advice? Apart from the reasonable judgment calls, Dr. Sana

M. Al-Khatib, an associate professor of medicine at Duke University and the lead author of the study, said she thought many doctors did not know the guidelines or understand the evidence behind them, and thought they were helping patients by putting in the devices to save them just in case their heart rhythms went awry.

Even so, 37 percent of the devices implanted outside the guidelines went to people who had had heart attacks in the previous 40 days.

Some of those patients will eventually need defibrillators anyway, but 30 percent to 40 percent will not, said Dr. Alan Kadish, a cardiologist who is president of Touro College.

Kadish said he thought it possible but unlikely that some doctors were implanting devices unnecessarily to make money.

Both Khatib and Kadish said the solution was better education for doctors. Neither wanted hospital panels, insurance companies or the government to be given the power to decide who should receive a defibrillator.

Firefox leads among web browsers in Europe, firm says

BERLIN — For the first time in a decade, Microsoft's Internet Explorer is no longer the leading Web browser in Europe, ceding the position to Mozilla's Firefox, an Irish research company that tracks web use said Tuesday.

While three research companies also active in the field disputed the finding, StatCounter, a company in Dublin, said that Firefox surpassed Internet Explorer as the top European browser in December, with a 38.1 percent share, compared with Explorer's 37.5 percent.

"This is a watershed event for Europe," said Aodhan Cullen, StatCounter's chief executive and founder.

Cullen said Microsoft had lost market share mainly to Google's Chrome browser, whose share rose to 14.6 percent from 5.1 percent a year earlier.

Internet Explorer is still the leader worldwide, with a 46.9 percent share in December, versus 30.8 percent for Firefox and 14.9 percent for Google, StatCounter said.

Barbara Huppe, a Mozilla spokeswoman in Berlin, said that her company tended to follow other studies more closely, which still placed Microsoft ahead of Firefox in Europe. But she said the StatCounter ranking showed the market was tightening.

"This is very positive for us," Huppe said. "We have been the top browser in Germany, the biggest European market, since 2010. That has helped us a lot."

— Kevin J. O'Brien, *The New York Times*

American Airlines in fee battle with Orbitz and Expedia

A traveler searching two of the four largest online travel services, Orbitz and Expedia, is not going to find any listings for American Airlines flights, at least for the moment.

That is because American is in a standoff over the fees it must pay to list its flights with the agencies. And while that is the immediate reason for the dispute, there is a broader issue at stake: how American's tickets are displayed and marketed to travelers.

American has developed a new direct connection distribution technology — which Orbitz and Expedia have refused to adopt — that could change the way it displays and sells tickets. Rather than displaying fare listings based primarily on schedules and prices, American's technology eventually will customize offers to a traveler's individual needs. So, during booking, the site will display fees charged for more legroom, priority seating or whatever else the passenger prefers, thus enabling American to promote options that could generate more revenue.

Industry analysts expect that American will resolve the disputes. In fact, Cory Garner, American's director of distribution strategy, said Tuesday that "discussions are ongoing" and that he hoped the differences would be resolved since "it is in the best interest of all of us to continue to do business together."

— Jane L. Levere, *The New York Times*

Publisher tinkers with Twain

A new edition of *Adventures of Huckleberry Finn* is missing something: the n-word.

In its place, 219 times throughout the book, is the word "slave," a substitution that was made by NewSouth Books, a publisher based in Alabama, which plans to release the edition in February.

Alan Gribben, a professor of English at Auburn University at Montgomery, approached the publisher with the idea in July. Gribben said Tuesday that he had been teaching Mark Twain for decades and always hesitated before reading aloud the common racial epithet, which is used liberally throughout the book, a reflection of social attitudes in the mid-19th century.

"I found myself right out of graduate school at Berkeley not wanting to pronounce that word when I was teaching either *Huckleberry Finn* or *Tom Sawyer*," he said. "And I don't think I'm alone."

Gribben, who combined *Huckleberry Finn* with *Tom Sawyer* in a single volume and also supplied an introduction, said he worried that *Huckleberry Finn* had fallen off reading lists and wanted to offer an edition that is not for scholars but for younger people and general readers.

— Julie Bosman, *The New York Times*

Japan to propose closer military ties with South Korea

TOKYO — Responding to recent provocations by North Korea, Japan's defense minister will soon visit Seoul with several proposals aimed at strengthening military ties despite South Korea's lingering bitterness over Japan's colonial past, Japanese news media reported on Tuesday.

During the trip next week, Defense Minister Toshimi Kitazawa will propose that the two Asian neighbors sign separate agreements to cooperate in supplying each other's armed forces during peacekeeping and other international operations, and to facilitate sharing of sensitive military information, the reports said. They also said he would propose Japan and South Korea increase military contacts by scheduling regular high-level meetings between defense officials.

One Japanese newspaper, the right-leaning Yomiuri Shimbun, also said the nations were working on a more sweeping, joint declaration on military cooperation, though a South Korean Defense Ministry official denied that. The official, who was not authorized to speak publicly, said the other agreements had been discussed with the Japanese, but emphasized that these were about low-level cooperation.

In Tokyo, a spokeswoman for the Defense Ministry refused to comment on the reports or the agenda of the trip. However, the fact that the anonymously sourced reports all carried the same information suggested that they had come from an official background briefing.

— Martin Fackler, *The New York Times*

Killing of politician Salman Taseer adds to turmoil within Pakistan

By Salman Masood and Carlotta Gall
THE NEW YORK TIMES

ISLAMABAD — The assassination of an outspoken secular politician by one of his police guards Tuesday plunged the Pakistani government deeper into political crisis and highlighted the threat of militant infiltration within the nation's security forces.

The killing of Salman Taseer, the prominent governor of Punjab province, was another grim reminder of the risks that Pakistani leaders take to oppose religious extremists, at a time when the United States is pushing Pakistan for greater cooperation in the war in Afghanistan by cracking down on militant groups like the Taliban.

Taseer, a successful businessman and publisher of a liberal English-language daily newspaper, was exceptional, even within the secular-minded Pakistan Peoples Party, for

his vocal opposition to the religious parties and the extremism they spread.

On Tuesday, Taseer was shot in daylight multiple times at close range as he was getting into his car in Islamabad at the Kohsar Market, an area frequently visited by the city's elite. His attacker was identified as Malik Mumtaz Hussain Qadri, an elite-force security guard, who surrendered to the police immediately afterward and implied he had killed the governor because of his campaign to amend the blasphemy laws.

It was not yet clear whether he had acted alone or on behalf of some extremist group.

Taseer's death will serve as a chilling warning to any politician who speaks out against the religious parties and their agenda and will certainly end immediate attempts to amend the blasphemy laws, politicians said.

"It is a loss to progressive forces; he stood up for what he believed

in," said one of his party colleagues, Sherry Rehman, a legislator.

Obama administration officials worry that even if Pakistan's government survives the upheaval — which they believe it might, for a while — the turmoil could kill any chance for political and economic reforms. The assassination, one official said, leaves not only the repeal of the blasphemy laws in doubt but also possible reforms to increase tax collection. Under pressure from Secretary of State Hillary Rodham Clinton and other U.S. officials, the Pakistani government submitted a new tax law in Parliament. But it may abandon the push as a way to lure back coalition partners.

Adm. Mike Mullen, chairman of the Joint Chiefs of Staff, said in an interview Tuesday that he was "hugely concerned" when he learned of the assassination, but that he expected Pakistan and its security relations with the United States to weather the crisis.

OPINION



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LETTERS TO THE EDITOR

Bad Boys: pretty awesome, actually

I am proud to introduce myself as the heathen behind the egotistical, pornographic, repugnant Bad Boys calendar.

Let me start off by saying this:

We are giving money made by this calendar to charity.

We did not make this calendar for charity.

Why did we make it? Because it was so damn fun.

Because spending an evening taking sexy pictures is amazingly enjoyable — for the photographer, for the model, for the assistant, for the editor, and for our audience.

Because MIT is about so much more than buckling down and studying; so much more than the academic tunnel-vision so prevalent on campus.

Because people at MIT are attractive and for some reason that surprises most of the world.

I am quite flattered that Ms. Yan, author of the December 7 letter to the editor, thinks the likes of CNN might be interested in our little publication. I was mortified when the reading room hygiene story broke, but I also had the good humor to laugh uproariously at it. My friends at home made fun of me to no end, but never was I worried about the effect it would have on our reputation. Why? Because smart people aren't fooled by that. We're MIT. Nothing short of declaring all of campus clothing-optional would decrease our application numbers.

This is by no means the first time racy calendars featuring MIT students have been put out, and those were well received for what they were — fun projects by talented artists involving their community in their creativity. I myself was Ms. October in the Women of the West Side calendar

that came out several years ago. I was just a model for that project but it was still the most fun I had sophomore year. We all know how intense MIT can be — and how painful — and it's not always easy to enjoy ourselves. Taking a break from that p-set to go pose for some pictures of your sexy self is an excellent way to restore your happiness and motivation, not to mention the giant boost it gives to your self-esteem.

MIT as a whole underestimates the value of art in its students lives. Photography and design have become my saving grace when the pressures of school become too much, and I think everyone on campus could benefit from more exposure to art even if it's just hanging some of it in their rooms. The fact that this particular art is extremely pleasing to the eye doesn't hurt either.

We made this calendar for ourselves, for you, for MIT as a whole, and in the meantime we saw a chance to do good by some needy kids in India. We probably won't be sending them copies, though. (we're almost out!)

Clare Bayley '11

Only good can come from Bad Boys calendar

I completely disagree with Melissa Yan's November letter opposing the Bad Boys of Boston calendar. This will, if anything, change the image of MIT for the better. For the *much* better. It's not 'quasi-pornographic' at all; it's basically just photos of some shirtless guys. Many of the photos actually incorporate aspects of MIT culture — see October, the fire-breather; June, the musician; July, the photographer; December, the MIT gymnastics team. Also, all of the revenue generated from the Bad Boys calendar for Dream a Dream is going to be huge. True, Dream a Dream isn't

actually mentioned in the calendar, but that's because this calendar goes beyond simply supporting a charity, which is amazing enough in itself. This calendar goes to show that "you *can* be both smart and sexy," and that yes, both MIT boys and girls are hot.

Janet Li '12

No shame in calendar for charity

I find it ridiculous that the Bad Boys calendar could incite such controversy. Melissa Yan argues that it does nothing but stoke the egos of those in the calendar. And so what? It clearly raised >\$0 for charity, and what negative publicity did it bring? Is it harmful to MIT's reputation to suggest that we might actually have students who are comfortable and confident in their bodies and willing to put themselves out there in potentially embarrassing situations for the sake of raising some money for charity? Is there some sort of shame to be had in the human figure?

"Do we want prefresh and their parents to see this?" This is not a puritanical school. The alternative is to publish a calendar of boys sitting at their desks until 3 a.m. studying. I think showing parents healthy MIT students might reassure them about the ability of their children to lead healthful lives here a bit more effectively than overworked and lethargic students pushed to their limits. In fact, this calendar serves to temper some of the bad publicity we have gotten concerning the cleanliness of our student body in the past year. There is far more arrant and impudent sexual material at MIT than this charity calendar. If you're really made uncomfortable by things that only mildly allude to sex, you're probably going to take issue with the fact the MIT provides free condoms and lubricant.

Aaron Thom '11

Ms. Hockfield, tear down this wall

MIT should aggressively expand its enrollment of new students

By Keith Yost

STAFF COLUMNIST

The past few years are not a fluke: a four-year MIT education is in high demand. From 2004 to 2010, the number of applicants to MIT's undergraduate program has gone up 48.5 percent, from 10,549 to 15,663, and early application numbers suggest this year will reveal a further 7-8 percent increase. This is not merely a matter of students applying to more colleges — the matriculation rate of admitted students has gone up, not down, from 58.7 percent to 64.6 percent.

Most private businesses, faced with these circumstances, would expand production. But not MIT. Over this same time period, the number of students admitted to MIT has actually *fallen*, from 1,735 to 1,676.

Why is this the case? MIT may not share the same profit motive that most private businesses have, but it almost certainly understands that higher output

means more satisfied customers and more benefit to society. If anything, MIT ought to take the task of expanding production even *more* zealously than a profit-focused enterprise. Frequently we are reminded of the importance our institute plays in innovation and technology development — as a socially-conscious organization, cognizant of the potential positive spillovers from a technical education, MIT should feel compelled to increase its number of students even beyond the point where private marginal costs equal private marginal benefits.

President Hockfield talks the talk — her 2008 address to the National Association of Independent Colleges and Universities is an excellent appeal to expand the U.S. college system — but she does not walk the walk. Today we see a minor effort at increasing enrollment, but this comes only at the prodding of Fariborz Maseeh. If the administration's actions absent Mr. Maseeh's \$24 million bribe are any indication, then it is clear this institute's leaders

care more about research and the "prestige" of MIT than doing the important work of educating the next generation.

We typically hear two excuses whenever someone points out that MIT should let in more students:

First, we're told that letting in more students would lower MIT's standards. It stands to reason that if MIT lets in 1000 students, its 1000th pick is not going to be as attractive as its 1st pick. Let in the 1001st pick, and the average student quality will go down, and with it, the brand name of MIT.

But the truth is that MIT's admittance process has a low signal to noise ratio. A GPA (likely inflated), an SAT score (of dubious predictive power), and a couple essays (probably half-written by a helicopter parent) are not enough to distinguish the wheat from the chaff in any meaningful way. At the margin, MIT is making a decision between an applicant with a 2070

Yost, Page 5

CORRECTIONS

An article on Friday, Dec. 10 about changes in the legal landscape for gene patents referred imprecisely to Universities Allied for Essential Medicines as a "national student organization." UAEM is a worldwide organization.

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Steve Howland, Editor in Chief Jeff Guo, Managing Editor David M. Templeton, Executive Editor Natasha Plotkin, Opinion Editors Joseph Maurer and Ethan Solomon, Advisory Board member Andrew T. Lukmann, and Opinion Staff members Nina Sinatra and Ryan Normandin.

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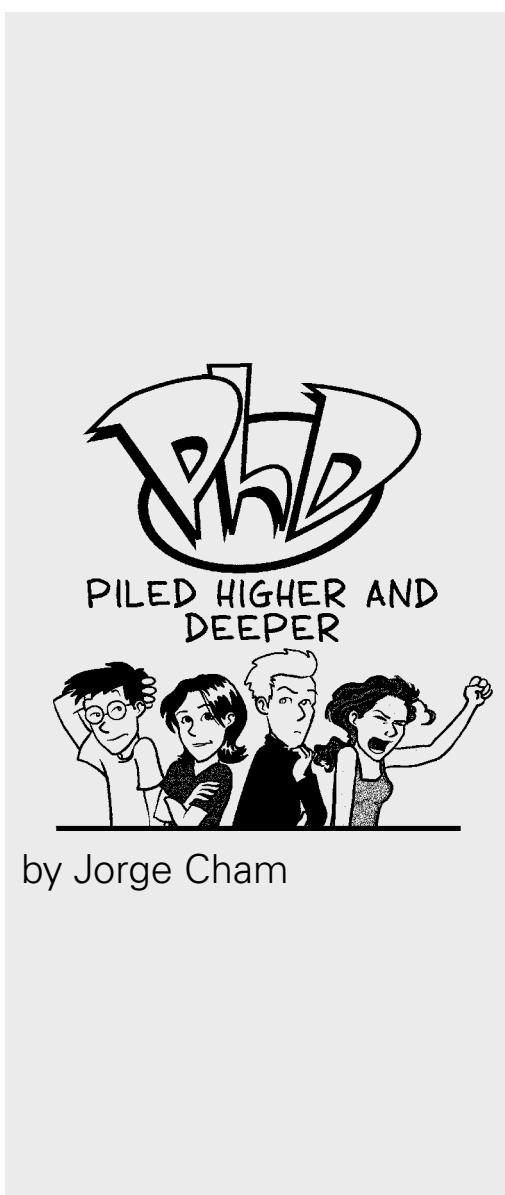
FUN FUN FUN FUN FUN FUN FUN

Steal My Comic

by Michael Ciuffo



STEALMYCOMIC.COM



by Jorge Cham



WWW.PHDCOMICS.COM



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Crossword Puzzle

Solution, page 11

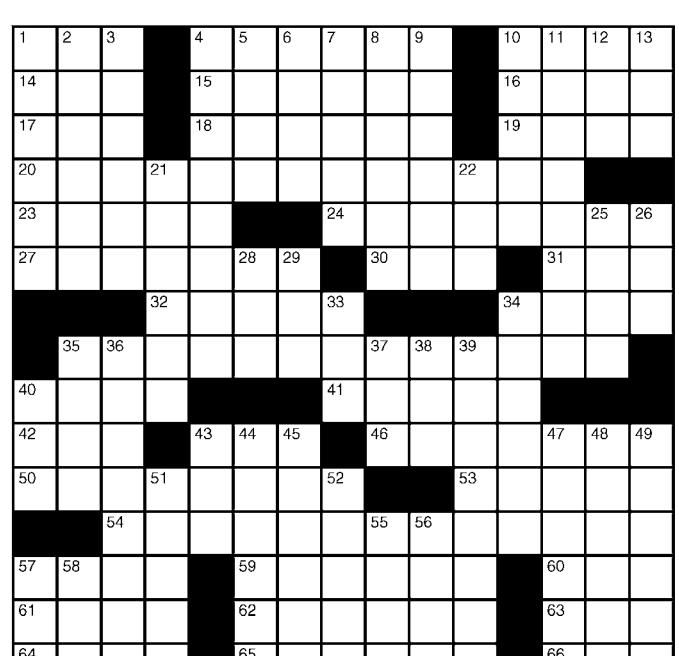
ACROSS

- 1 IBM offerings
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- 10 GameCube competitor
- 14 Grown acorn
- 15 Kiribati's capital
- 16 Top choice, slangily
- 17 Break down
- 18 Movie category
- 19 Footnote wd.
- 20 Hit by singer who died 12/6/88
- 23 Gullible
- 24 Jordan/Bunny film
- 27 Entree that serves eight?
- 30 HBO rival
- 31 Top pilot
- 32 Peter and a Wolfe
- 34 Nabokov novel
- 35 See 20A
- 40 Refine, as a skill
- 41 Ballteam skipper Joe
- 42 Hobbit ally
- 43 Gibson or Brooks

DOWN

- 46 Twisted wool
- 50 Enzo's automobiles
- 53 Hokkaido port
- 54 See 20A
- 57 Osbourne of rock
- 59 Arctic attire
- 60 Pose questions
- 61 Wordsworth work
- 62 Notably the '72 Dolphin defense
- 63 Peggy or Pinky
- 64 Cornmeal bread
- 65 Stylish
- 66 Byrnes or Hall
- 1 Mount ___, PA
- 2 Carson character
- 3 With natural illumination
- 4 Big house
- 5 Austrian physicist Ernst
- 6 Art Deco artist
- 7 Train tracks
- 8 Dives like an eagle

- 9 "___ and Her Sisters"
- 10 Case for Scully and Mulder
- 11 Bette's title character of '62
- 12 Egg: pref.
- 13 Signed, kind of
- 21 Ms. de Carlo
- 22 Author Umberto
- 25 Part of DNA
- 26 Game pieces
- 28 Swiss canton
- 29 Male heir
- 33 E. Bilko's rank
- 34 Magic word
- 35 Actor's part
- 36 Thawed out
- 37 Boar's mate
- 38 __-Magnon
- 39 Cursor relocator
- 40 Playboy's founder, fondly
- 43 Traveler's guide
- 44 Thing to do
- 45 Certain claim holder
- 47 Hacienda hot meal
- 48 Wiped out
- 49 Immersed
- 51 Poetic match
- 52 Boulder
- 55 Refrain syllables
- 56 Sweet tubers
- 57 Antithesis, briefly
- 58 Menagerie



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Sesquicentennial: 150 Years of 'Tute on Display



In celebration of MIT's 150th anniversary, the MIT Museum is exhibiting 150 objects from the Institute's history.

From top left, clockwise:

The "Minsky Arm," developed in the 1960s by AI Lab co-founder Marvin Minsky.

The 2010 Baker House dropped piano.

A scale model prototype of the Media Lab's CityCar.

MIT Museum curator Deborah Douglas placing a scale biplane atop the force balance of MIT's first wind tunnel.

A glass of Intel 4004 chips, the first commercially available chips from the then-young startup.

PHOTOS BY SAM RANGE—THE TECH



MIT 150, from Page 1

displayed near the entrance to the exhibit. A large photograph of Oliver R. Smoot '62 lying on the Harvard Bridge hung on one of the Museum's walls — number six on the voters' list.

The 150 Exhibition's objects are organized around ten themes. Categories like Bionic MIT, Pioneering MIT, and Analog/Digital MIT will help guide visitors through the sprawling exhibit on the Museum's second floor, according to Douglas.

Broadcasting MIT, for instance, showcases ways in which MIT has impacted modern communications, and features the Open-

CourseWare project. Bionic MIT references Institute advancements relating to the human body. Glass Lab sculptures fall under Artistic MIT, along with the original scale model of Alexander Calder's The Great Sail, which was tested in the MIT Wright Brothers Wind Tunnel to ensure the sculpture could endure wind forces.

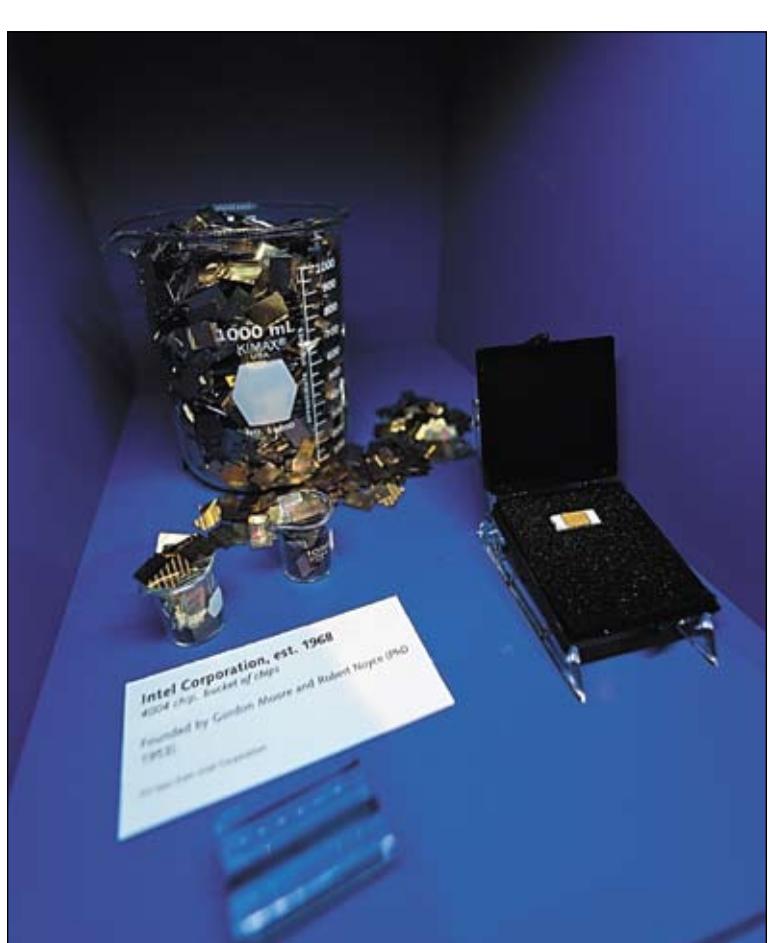
Many of the artifacts seek to "reflect the breadth and interdisciplinary nature of MIT's greatest achievements," according to the Exhibition's website. Objects like an original Apollo guidance, navigation, and control system simulator and a prototype model of the CityCar, an electric automobile designed for urban environments,

were some of the objects selected to meet this end. A slice of epilepsy patient H.M.'s brain, which crucially linked the hippocampus to processes of memory formation, will also be displayed.

But some objects may have special meaning only to the MIT community. "One of the things we had to think about was, 'How do

you communicate IHTFP?'" said Douglas, referencing the voters' fifth most popular selection. IHTFP is represented in the Exhibition with a pennant emblazoned with "TECH IS HELL" hanging above a display containing the original cast of 2011's Brass Rat — while an overhead speaker plays the Chorollaries' rendition of the MIT fight song.

Ultimately, Douglas hopes that the 150 Exhibition will "showcase our stories and the people behind them." The Exhibition will host a reception and opening for faculty, staff and students this Friday, January 7 from 3-5 p.m. It will open to the public the following day, Saturday, January 8. The exhibition will close on December 31 of this year.



Twitter lets MIT reach out beyond 'Tute walls

MIT News, Libraries say microblogging service gets information to diverse user base

Twitter@MIT, from Page 1

of "more obscure events" gets out, said Patrick E. Gillooly, who tweets for the MIT News Office.

Remlee S. Green, a tweeter for the MIT Libraries, said that tweets are rarely made every day, to avoid overwhelming followers. "I like to keep tweets short and sweet, and limited to things people wouldn't know about and could possibly find helpful," Green said. Several departments tweet in a similar fashion, posting 3-5 quality tweets per week.

These meaningful tweets are appreciated by students who follow the Twitter feeds. "I have actually found it interesting to see how professors are making impacts with their research," said Allison P. Anderson G on following the tweets of her department, Aeronautics and Astronautics. Still, she added that Twitter was not one of her primary sources of information.

But have the numerous tweets and other social networking initiatives by MIT organizations — including numerous Facebook profiles — been reaching the student

body as a whole?

Not necessarily. Searching the list of people following these tweets does not yield an overwhelming number of MIT students followers — to the magnitude of less than 10 in the first 100 or so names listed as followers. In a small December survey of 20 MIT students in the Student Center, only three of them reported having a Twitter account. Several others — including Anderson — were found following MIT feeds on Twitter and were contacted through the website. Even among these users, questions concerning the usefulness of the tweets yielded mixed reviews.

"I like to keep tweets short and sweet."

"I haven't found following my own department (Mechanical Engineering) to be very useful. Many of their tweets include information that I would already get from e-mails anyway," Victoria N. Hammett '12, contacted through Twitter, said.

"I do, however, get a lot out of following organizations such as MIT News and the Media Lab. These organizations frequently post interesting articles that I enjoy reading," she noted.

A common reason students cited for not having a Twitter account was that they did not see the need to make an account when they had already had a Facebook profile. Green said that the MIT Libraries had attempted to make a Facebook profile in the past, but it did not catch on nearly as well as the Libraries' Twitter feed.

"It's a challenge to find the right niche for the best form of communication to reach certain people," Green said.

In a way, it seems that this challenge has been met. Although all but five of the students sampled did not know that these numerous MIT-related Twitter accounts existed, the vast majority of them acknowledged the potential benefits of following the tweets.

But if tweets are not reaching many students, why tweet in the first place? In the case of MIT or-

ganizations, the main motivation for maintaining a Twitter account is usually to strengthen outreach to interested users while diversifying the methods of communication between organizations and the rest of the world, not just the MIT community.

But if tweets are not reaching many students, why tweet in the first place?

Josie Patterson, one of several who tweets for the MIT Museum, stated that the Museum tweets in order to aid in "building a community of interested people supporting science and engineering education," as well as in "positioning and branding the Museum as an interesting place to visit and connect with."

None of the major MIT organizations that tweet, such as the News Office and the Libraries, specifically mentioned reaching out to the students because they are currently

tweeting to a different crowd. Gillooly even says that the tweets are "not necessarily targeted toward students." Still, he welcomes the opportunity for feedback from students as to what they want to get out of the tweets so that student use may increase in the future.

"I'd love for students to pick [Twitter] up," he said.

The vast majority of the tweets posted by any organization get retweeted, according to Gillooly and many of the surveyed students. Still, some of these accounts, such as the News Office and the Libraries, have been established for as long as two years, and many students remain unaware that these accounts even exist, much less follow them. But those organizations running Twitter accounts felt that the accounts met their main objective — spreading information, whether or not it is read by the MIT community.

"We want the people that want to be reached to get the information," Gillooly said. One of his goals was to make the tweets viral.

"I think we're beginning to accomplish that," he said.

MIT +150
INVENTIONAL WISDOM

**150 Days to mark
150 Years:
Let the Sesquicentennial Begin!**

**Faculty,
staff,
and students**

Reception and opening of the MIT150 Exhibition

3 - 5 pm Friday January 7, 2011

MIT Museum
Building N51
265 Massachusetts Ave
Cambridge, Massachusetts

mit150.mit.edu

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIPB IAP
Programming in Python
Tue/Thur Jan 4,6,11,13 6-8 PM room: 4-163
Python is awesome and everywhere! This class will cover basic control flow structures, object-oriented development, cool functional language features, testing and debugging.

Caffeinated Crash Course in Computer Forensics
Wed Jan 13 6-8 PM room: 66-160
You'll see what kinds of data can be recovered from various devices and understand that information hasn't been destroyed unless the media has been raised to the Curie Point.

Programming in Haskell
Thur Jan 14, 21 3-5 PM (repeated session) room: 1-115
Haskell is a language ideally suited for reasoning about code by machines, by humans, and by machines aiding humans. We'll see how to make useful, beautiful, reasonable Haskell programs.

Programming in Postscript
Tue/Thur Jan 4, 6,11,13 5 PM -6 PM room: 3-133
PostScript: the precursor to PDF. This class should provide a working understanding of stack machine programming, vector graphics, typography, and portable document encoding.

Programming in C
Mon Jan 3, Wed Jan 5, Fri Jan 7 5-8 PM room: 1-115
C's influence is deeply pervasive and many currently-popular programming languages derived from C. Knowing C can be a huge help in better understanding the other systems and languages you are working with.

Hands-on Intro to Web Programming
Jan 10th through Jan 14th 9:00-10:00 PM room: 1-115
Learn web programming by building a dynamic web page with HTML & CSS, Javascript & jQuery, PHP, and MySQL.

Introduction to Ruby on Rails
Mon Jan 10, Wed Jan 12 7:00pm – 8:30pm 3-133
Rails is an open-source web framework that is optimized for programmer happiness. We will dive right in and learn the framework as we go.

**Have humorous commentary about a campus topic?
Send 500 words and a pic to cl@tech.mit.edu.**

Mental health problems are worse these days

However, universities have not increased mental health services correspondingly

Mental Health, from Page 1

championed programs to train students and staff members to intervene to prevent suicide.

"If you weren't so good at getting this bystander stuff out there," Vanacore wrote in mock exasperation, "we could sleep on the weekends."

Stony Brook is typical of American colleges and universities these days, where national surveys show that nearly half of the students who visit counseling centers are coping with serious mental illness, more than double the rate a decade ago. More students take psychiatric medication, and there are more emergencies requiring immediate action.

"It's so different from how people might stereotype the concept of college counseling, or back in the '70s students coming in with existential crises: Who am I?" said Hwang, whose staff of 29 includes psychiatrists, clinical psychologists and social workers. "Now they're bringing in life stories involving extensive trauma, a history of serious mental illness, eating disorders, self-injury, alcohol and other drug use."

They're bringing in extensive trauma, eating disorders, self-injury, alcohol and drug cases.

Experts say the trend is partly linked to effective psychotropic drugs (Wellbutrin for depression, Adderall for attention disorder, Abilify for bipolar disorder) that have allowed students to attend college who otherwise might not have functioned in a campus setting.

There is also greater awareness of traumas scarcely recognized a generation ago and a willingness to seek help for those problems, including bulimia, self-cutting and childhood sexual abuse.

The need to help this troubled population has forced campus mental health centers — whose staffs, on average, have not grown in proportion to student enrollment in 15 years — to take extraordinary measures to make do. Some have hospital-style triage units to rank the acuity of students who cross their thresholds. Others have waiting lists for treatment — sometimes weeks long — and limit the number of therapy sessions.

Some centers have time only to "treat students for a crisis, bandaging them up and sending them out," said Denise Hayes, the president of the Association for University and College Counseling Center Directors and the director of counseling at the Claremont Colleges in California.

"It's very stressful for the counselors," she said. "It doesn't feel like why you got into college counseling."

A recent survey by the American College Counseling Association found that a majority of students seek help for normal post-adolescent trouble like romantic heartbreak and identity crises. But 44 percent in counseling have severe psychological disorders, up from 16

percent in 2000, and 24 percent are on psychiatric medication, up from 17 percent a decade ago.

The most common disorders today: depression, anxiety, suicidal thoughts, alcohol abuse, attention disorders, self-injury and eating disorders.

Stony Brook, an academically demanding branch of the State University of New York (its admission rate is 40 percent), faces the mental health challenges typical of a big public university. It has 9,500 resident students and 15,000 who commute from off-campus. The highly diverse student body includes many who are the first in their families to attend college and carry intense pressure to succeed, often in engineering or the sciences. A Black Women and Trauma therapy group last semester included participants from Africa, suffering post-traumatic stress disorder from violence in their youth.

Stony Brook has seen a sharp increase in demand for counseling — 1,311 students began treatment during the past academic year, a rise of 21 percent from a year earlier. At the same time, budget pressures from New York State have forced a 15 percent cut in mental health services over three years.

Hwang, a clinical psychologist who became director in July 2009, has dealt with the squeeze by limiting counseling sessions to 10 per student and referring some, especially those needing long-term treatment for eating disorders or schizophrenia, to off-campus providers.

But she has resisted the pressure to offer only referrals. By managing counselors' work loads, the center can accept as many as 60 new clients a week in peak demand between October and the winter break.

"By this point in the semester to not lose hope or get jaded about the work, it can be a challenge," Hwang said. "By the end of the day, I go home so adrenalized that even though I'm exhausted it will take me hours to fall asleep."

For relief, she plays with her 2-year-old daughter, and she has taken up the guitar again.

Shifting to triage

Near the student union in the heart of campus, the Student Health Center building dates from the days when a serious undergraduate health problem was mononucleosis. But the hiring of Judy Esposito, a social worker with experience counseling Sept. 11 widows, to start a triage unit three years ago was a sign of the new reality in student mental health.

Esposito's triage team fields 15 to 20 requests for help a day.

At 9 a.m. on the Tuesday after the campus' very busy weekend, Esposito had just passed the Purell dispenser by the entrance when she noticed two colleagues hurrying toward her office. Before she had taken off her coat, they were updating her about a junior who had

come in the previous week after cutting herself and expressing suicidal thoughts.

Esposito's triage team fields 15 to 20 requests for help a day. After brief interviews, most students are scheduled for a longer appointment with a psychologist, which leads to individual treatment. The one in six who does not become a patient is referred to other university departments like academic advising, or to off-campus therapists if long-term help is needed. There are no charges for on-campus counseling.

This day the walk-ins included a young man complaining of feeling friendless and depressed. Another student said he was struggling academically, feared that his parents would find out and was drinking and feeling hopeless.

Professionals in a mental health center are mindful of their own well-being. For this reason the staff had planned a potluck holiday lunch. While a turkey roasted in the kitchen that serves as the break room, Esposito helped warm up candied yams, stuffing and the store-bought quiche that was her own contribution.

Just then Regina Frontino, the triage assistant who greets walk-ins at the front desk, swept into the kitchen to say a student had been led in by a friend who feared that she was suicidal.

Esposito rushed to the lobby. From a brief conversation, she knew that the distraught student would have to go to the hospital.

The counseling center does not have the ability to admit suicidal or psychotic students overnight for observation or to administer powerful drugs to calm them. It arranges for them to be taken to the Stony Brook University Medical Center, on the far side of the 1,000-acre campus. The hospital has a 24-hour psychiatric emergency room that serves all of Suffolk County.

"They're not going to fix what's going on," Esposito said, "but in that moment we can ensure she's safe." She called Tracy Thomas, an on-call counselor, to calm the student, who was crying intermittently, while she phoned the emergency room and informed Hwang, who called the campus police to transport the young woman.

When Esposito heard the crackle of police radios in the hallway, she went to tell the student for the first time that she would have to go to the hospital.

"This is not something students love to do," Esposito recounted. The young woman told her she did not want to go. Esposito replied that the staff was worried for her safety, and she repeated the conversation she had had earlier with the young woman:

Are you having thoughts about wanting to die?

Yes.

Are you afraid you are actually going to kill yourself?

Yes.

She invited a police officer into the counseling room, and the student teared up again at the sight of him. Esposito assured her that she was not in trouble. Meanwhile, an ambulance crew arrived with a rolling stretcher, but the young woman

walked out on her own with the officers.

Because Thomas, a predoctoral intern in psychology, now needed to regain her own equilibrium before seeing other clients, Esposito debriefed her about what had just happened.

Of 133 student suicides last year, fewer than 20 had sought help on campus.

Finally she returned to her office, having missed the holiday lunch, and found that her team had prepared a plate for her.

"It's kind of like firemen," she said. "When the fire's on, we are just at it. But once the fire's out, we can go back to the house and eat together and laugh."

Reaching out

Even though the appointment books of Stony Brook counselors are booked solid, all national evidence suggests that vastly more students need mental health services.

Forty-six percent of college students said they felt "things were hopeless" at least once in the previous 12 months, and nearly a third had been so depressed that it was difficult to function, according to a 2009 survey by the American College Health Association.

Then there is this: Of 133 student suicides reported in the American College Counseling Association's survey of 320 institutions last year, fewer than 20 had sought help on campus.

Alexandria Imperato, 23, remembers that as a Stony Brook freshman all her high school friends were talking about how great a time they were having in college, while she felt miserable. She faced family issues and the pressure of adjusting to college. "You go home to Thanksgiving dinner, and the family asks your brother how is his gerbil, and they ask you, 'What are doing with the rest of your life?'" Imperato said.

She learned she had clinical depression. She eventually conquered it with psychotherapy, Cymbalta and lithium. She went on to form a Stony Brook chapter of Active Minds, a national campus-based suicide-prevention group.

"I knew how much better it made me feel to find others," said Imperato, who plans to be a nurse.

On recent day, she was one of two dozen volunteers in black T-shirts reading "Chill" who stopped passers-by in the Student Activities Center during lunch hour.

"Would you like to take a depression screening?" they asked, offering a clipboard with a one-page form to all who unplugged

their ear buds. Students checked boxes if they had difficulty sleeping, felt hopeless or "had feelings of worthlessness." They were offered a chance to speak privately with a psychologist in a nearby office. Sixteen said yes.

The depression screenings are part of a program to enlist students to monitor the mental health of peers, which is run by the four-year-old Center for Outreach and Prevention, a division of mental health services that Hwang oversaw before her promotion to director of all counseling services.

She is committed to outreach in its many forms, including educating dormitory staff members to recognize students in distress and encouraging professors to report disruptive behavior in class.

In previous years, more than 1,000 depression screenings were given to students, with 22 percent indicating signs of major depression. Hwang credits that and other outreach efforts to the swell of new cases for counseling. "For a lot of people it's terrifying" to come to the counseling center, she said. "If there's anything we can do to make it easier to walk in, I feel like we owe it to them."

"With every vigil, there's this overwhelming sense we need to learn something."

Stony Brook has not had a student suicide since spring 2009, unusual for a campus its size. But Hwang is haunted by the impact that several off-campus student deaths in accidents and a homicide had on the campus in the past year. "With every vigil, with every conversation with someone in pain, there's this overwhelming sense of we need to learn something," she said. "I think about these parents who've invested so much into getting their kids alive to 18."

One student who said yes to an impromptu interview with a counselor after filling out a depression screening was a psychology major, a senior from upstate New York. As it happened, Hwang had wandered over from the counseling center to check on the screenings, and the young woman spent a long time conferring with her, never removing her checked coat or backpack.

"I don't have motivation for things anymore," the student said afterward. "This place just depresses me the whole time."

She had been unaware that students could walk in unannounced to the counseling center. "I thought you had to make an appointment," she said. "Yes," she said, "I'll do that."

Solution to Hard Sudoku

from page 7

7	4	3	6	5	8	9	2	1
1	9	8	2	4	3	5	7	6
5	2	6	7	9	1	8	4	3
8	6	9	5	1	2	4	3	7
4	1	5	9	3	7	2	6	8
2	3	7	4	8	6	1	9	5
9	7	4	1	6	5	3	8	2
6	8	1	3	2	4	7	5	9
3	5	2	8	7	9	6	1	4

Solution to Crossword

from page 6

P	C	S	S	M	E	R	S	H	X	B	O	X
O	A	K		T	A	R	A	W	F	A	V	E
C	R	Y		A	C	T	I	N	I	B	I	D
O	N	L	Y	T	H	E	L	O	N	E	L	Y
N	A	I	V	E		S	P	A	C	J	A	M
O	C	T	O	P	U	S	S	H	O	A	C	E
	N	E	R	O	S		P	N	I	N		
R	U	N	G	I	N	S	C	A	R	E	D	
H	O	N	E			T	O	R	R	E		
E	L	F		M	E	L	W	O	R	S	T	E
F	E	R	R	A	R	I	S	O	T	A	R	U
O	H	P	R	E	T	T	Y	W	O	M	A	N
O	Z	Z	Y	A	N	O	R	A	K	A	S	K
P	O	E	M	N	O	N	A	M	E	L	E	E
P	O	N	E	D	R	E	S	S	Y	E	D	D

Solution to Easy Sudoku

from page 7

4	6	9	1	7	3	5	2	8
7	5	2	9	8	6	3	1	4
1	8	3	4	2	5	7	9	6
6	3	7	8	1	4	9	5	2

Police Log, June–December 2010

Editor's Note: The Tech has fallen rather far behind on printing these Campus Police log entries, which are reported by the Police on their web site (<http://web.mit.edu/cp/>). We have devoted some effort to automating our production of this data, and expect to report it in a more timely fashion in the future. We are "caught up" as of today's paper.

While the Campus Police are required by law to make available these entries within two business days, they are generally only available in person at the police station in W89. They are published on the web at varying intervals after that.

The following incidents were reported to the Campus Police between Jun 21. and Dec. 20. The dates below reflect the dates the incidents occurred. This information is compiled from the Campus Police's crime log. The report does not include alarms, general service calls, or incidents not reported to the dispatcher.

- Jun. 19, Bldg. W79, 5:02 p.m., Bike secured with a cable stolen. East car officer takes report.
- Jun. 21, Bldg. NW35, 7:12 a.m., Larceny of a laptop left by a bike rack. West car officer takes report.
- Jun. 22, Bldg. NW35, 8:27 p.m., Jhuang Huei-Han of 235 Albany Street, Cambridge. Arrested for domestic assault and battery.
- Jun. 23, Bldg. 3, 9:54 a.m., Wallet was just stolen from desk. Caller gave a description and flight of direction was from Bldg. 3 to Lobby 7.
- Jun. 23, Bldg. 62, 10:00 a.m., Sector 1 takes a larceny report of a stolen bicycle.
- Jun. 23, Bldg. W61, 12:00 p.m., Theft of wire. West car officer takes report.
- Jun. 23, Bldg. E19, 12:50 p.m., Officer notices a male fitting an earlier description a larceny that occurred on campus. Upon a routine check of the individual he had an active warrant. Timothy Sheehan, 444 Harrison Ave., Boston, was taken into custody on an outstanding warrant.
- Jun. 24, Bldg. E19, 10:00 a.m., Larceny of laptop computer. Sector 1 officer takes report.
- Jun. 24, Bldg. W98, 10:08 a.m., Report of annoying phone call. West car officer takes report.
- Jun. 24, Bldg. N51, 10:00 p.m., Party reports that his laptop was stolen. East car officer takes report.
- Jun. 25, Bldg. 56, 1:48 p.m., Report of unwanted e-mails. Sector one officer takes report.
- Jun. 25, Bldg. 1, 2:00 p.m., Sector 3 takes report of stolen bike.
- Jun. 28, Bldg. W35, 3:00 p.m., Party reports wallet stolen from Z center Sector 4 for report.
- Jun. 28, Grounds yard, 9:19 p.m., West car off with 2 people in the grounds yard area.
- Jun. 29, Bldg. 32, 8:30 a.m., Bicycle was stolen from the rack outside of Stata. Sector 2 report.
- Jun. 30, Bldg. W20, 6:26 a.m., Sector 4 homeless female, sent on way with verbal trespass notice.
- Jul. 1, Bldg. W98, 11:15 a.m., Check and inquiry of individual.
- Jul. 2, Bldg. 9, 10:00 a.m., Larceny of front bicycle wheel from Bldg. 9 Bike racks, dispatched west car to take report.
- Jul. 3, Bldg. 7, 3:19 a.m., Sgt and Sector 2 conduct a field stop on the fourth floor of Bldg. 7. Trespass warning issued.
- Jul. 4, Bldg. 14, 11:03 p.m., Rooftop violation. Detail officer to file report.
- Jul. 5, Bldg. E14, 8:30 a.m., Sector 1 takes report on a stolen laptop.
- Jul. 6, Bldg. W45, 8:45 a.m., Vehicle was hit while parked in the west garage causing damage.
- Jul. 6, Bldg. 56, 12:00 p.m., Report of 2 LCD projectors were stolen from the area Sector 2 officer takes report.
- Jul. 8, Bldg. W20, 8:00 a.m., Larceny of cash. Sector 4 take report.
- Jul. 8, Bldg. 32, 7:00 p.m., Sector 1 takes a larceny report of books.
- Jul. 9, Bldg. 14, 5:00 p.m., Annoying phone calls. Sector 2 officer takes report.
- Jul. 10, Bldg. NW35, 12:00 p.m., Larceny of wallet. West car officer takes report.
- Jul. 11, 460 Beacon street, 2:03 p.m., Attempt to gain entry to residence.
- Jul. 13, Bldg. 34, 10:00 a.m., Bicycle locked with cable, stolen from Bldg. 38 bike rack. Sector 3 takes report.
- Jul. 13, Bldg. 10, 5:46 p.m., People climbing scaffolding issued trespass warning.
- Jul. 14, Bldg. W20, 10:00 a.m., Mt. bike was stolen, locked with a cable. Report taken.
- Jul. 14, Bldg. W98, 10:16 a.m., Check fraud. Detective report.
- Jul. 14, Bldg. 46, 5:30 p.m., Mt. bike was stolen from the Bldg. 46 bike rack area. Report taken.
- Jul. 16, Bldg. 4, 3:00 p.m., Larceny of projector. Sector 3 officer takes report.
- Jul. 16, Bldg. NW10, 9:39 p.m., Party reports get threatening e-mails, west car for report.
- Jul. 18, Bldg. W5, 4:07 a.m., Sgt and Sector 4 make a field stop near Green hall. Trespass warning issued.
- Jul. 18, Bldg. 6, 2:00 p.m., Larceny of bicycle locked with a cable stolen. Sector 3 officer takes report.
- Jul. 19, Bldg. W71, 10:45 a.m., Suspicious person stopped and issued a trespass warning.
- Jul. 19, Bldg. W70, 9:00 p.m., Larceny of laptop left in hallway. West car officer takes report.
- Jul. 20, Bldg. E55, 10:00 p.m., Larceny of two bicycles secured with a cable lock.
- Jul. 21, Bldg. E52, 8:30 a.m., Bike was stolen from the area that was locked with a cable. Report taken Sector 1.
- Jul. 21, 528 Beacon Street, 1:20 p.m., Larceny of laptop and other items. West car officer takes report.
- Jul. 22, Windsor lot / 22 Windsor St, 2:51 a.m., Sector 1 officer found vehicle window smashed. Owner reports GPS and sunglasses stolen.
- Jul. 22, Bldg. 68, 11:00 a.m., Suspicious person in area, unable to locate.
- Jul. 22, Bldg. 32, 1:15 p.m., Caller reports bicycle stolen from his office area. Sector 2 dispatched.
- Jul. 25, Bldg. NW35, 5:00 p.m., Report that his black bag is missing from his room west car 290 dispatched. Item secured in house managers office as it was past move out date.
- Jul. 26, Bldg. 26, 9:45 a.m., Bike was stolen from the Bldg. 26 bike rack locked with a cable lock.
- Jul. 28, Bldg. W20, 9:00 p.m., Bicycle stolen from W20 bikeracks locked with a cable lock.
- Jul. 29, Bldg. W35, 7:15 p.m., Report of a cell phone stolen. Report taken by west car officer.
- Jul. 30, Bldg. 9, 8:50 a.m., Bike stolen from Bldg. 9 bike rack. West car officer takes report.
- Jul. 31, Bldg. W34, 9:30 a.m., Sector 4 responds to Z-Center on a larceny report of boat shoes.
- Aug. 1, Bldg. W16, 6:36 a.m., Window just broken 2 males who are running towards Memorial Drive units dispatched.
- Aug. 1, Bldg. W34, 10:30 a.m., Bike was stolen from the W34/35 area. Bike secured with a cable lock.
- Aug. 1, Bldg. 7, 11:00 a.m., Stolen bike. Dispatched Sector 3/4 to take report.
- Aug. 1, Bldg. W85, 3:00 p.m., Larceny of bicycle, secured with a cable lock. Report taken.
- Aug. 3, Bldg. 12, 2:00 p.m., Sector 3 responds to Bldg. 12 room 193 on a report of harassing e-mails.
- Aug. 4, Bldg. W34, 2:30 p.m., Wallet was stolen from W34. Report taken for larceny of a wallet.
- Aug. 5, Bldg. 3, 9:30 a.m., Caller calls to report a male who has been in the ladies shower area at that location now. Alec Resnick, 256 Brookline street Cambridge. Arrested by officer Montgomery on a default warrant.
- Aug. 5, Bldg. E25, 1:42 p.m., Victim reports theft of silver bracelet off of desk. Sector 1 takes report.
- Aug. 5, Bldg. NW62, 2:45 p.m., Larceny of clothing. West car officer takes report.
- Aug. 6, West Garage / 125 Vassar St., 7:00 a.m., Caller reports vandalism to his pickup. Sector 3/4 responding.
- Aug. 6, West Garage / 125 Vassar St., 8:15 a.m., Cambridge PD calls to report a caller in the basement of west Garage reporting a hit and run. 282 responds to investigate.
- Aug. 6, Bldg. 10, 8:30 a.m., Caller states that her bicycle was stolen from the bicycle rack at mit Bldg. 13. Sector 3/4 takes report.
- Aug. 6, Bldg. 32, 12:00 p.m., Caller reports her scooter was vandalized. Report taken.
- Aug. 6, Bldg. NW22, 12:00 p.m., Caller reports receiving e-mail from unknown person requesting money. West cruiser.
- Aug. 6, West garage / 125 vassar St., 5:53 p.m., Sector 3/4 noticed another vehicle damaged. Owner notified and is responding to his vehicle.
- Aug. 7, Bldg. W89, 8:45 a.m., Caller reports camera and GPS stolen. Sector 1 Takes report.
- Aug. 9, Bldg. N51, 3:33 a.m., Caller reports door N51-330 appears to have been kicked in. Car 282 takes report.
- Aug. 17, Bldg. 4, 1:00 p.m., Sector three takes report of stolen laptop.
- Aug. 19, Bldg. 46, 6:00 p.m., Larceny of change. Sector 1 responding.
- Aug. 21, Bldg. W4, 2:30 p.m., Car was hit by a U-Haul on Amherst alley and then it took off.
- Aug. 21, Bldg. W20, 4:30 p.m., Larceny of a bicycle from student center area. Bike secured by cable lock.
- Aug. 21, Bldg. NW12, 7:50 p.m., Three individuals on Albany street issued trespass warning for suspicious activity around bike racks.
- Aug. 22, Bldg. 64, 12:30 a.m., Student reports items stolen from room last evening. Sector #2 officer takes report.
- Aug. 22, Bldg. 56, 2:23 a.m., Suspicious activity at M56 bike rack. Three individuals issued trespass warning for suspicious activity around bike racks.
- Aug. 22, Bldg. 33, 9:00 a.m., Larceny of laptop. Sector 3 officer takes report.
- Aug. 25, Kresge lot / 82 Amherst St., 2:10 a.m., Malicious destruction in Kresge lot, report taken by west car officer.
- Aug. 25, Bldg. 3, 12:30 p.m., Report of stolen money report taken by Sector 3 officer.
- Aug. 25, Bldg. W35, 3:00 p.m., Wallet was stolen from the Z Center area report taken.
- Aug. 26, Bldg. W79, 9:00 a.m., Larceny of items from package. West car handles report.
- Aug. 30, Bldg. 50, 12:41 a.m., Report of a suspicious male reported to be in area of east campus soliciting for money. Trespass warning issued.
- Aug. 30, Bldg. 32, 7:40 p.m., Student reports bike was stolen from Stata Center area secured by a cable, Sector #2 takes report.
- Sep. 1, Bldg. E19, 10:30 a.m., Suspicious letter received. Report taken by east car officer.
- Sep. 9, Bldg. NW14, 11:00 p.m., East car responds to a locker in nw14 broken into. Report.
- Sep. 14, Bldg. 33, 7:07 a.m., Larceny of checks.
- Sep. 16, Bldg. W71, 12:08 a.m., Witness reports two suspicious white males wearing hoodies, checking out bicycles in area of W51. Officers check area Eric Pacheco, 62 Beech St., Malden, Mass. Taken into custody on a warrant by Sector 1.
- Sep. 16, Bldg. 32, 7:00 a.m., Construction worker advised that wallet and car keys were stolen. Sector 2 officer took report.
- Sep. 16, Bldg. 33, 8:40 a.m., Bike locked with a cable was stolen. Report taken.
- Sep. 16, Bldg. W20, 5:00 p.m., Vending machine broken into and small amount of cash stolen.
- Sep. 17, Bldg. W85, 2:00 p.m., Larceny of 2 bicycles from westgate courtyard. Sector 3 taking report.
- Sep. 17, Bldg. 7, 3:23 p.m., Backpack stolen. Sector 3 officer takes report.
- Sep. 17, Lansdowne street, 5:55 p.m., Witness states a white male, approx. 50-60 yrs old wearing a blue denim coat steal a bicycle on Mass ave. Cambridge Police arrived, subject arrested by CPD.
- Sep. 18, Bldg. W20, 11:05 p.m., All units respond to student center for a disturbance. Arrest made for, A&B on police officer, resisting arrest and disorderly conduct: Sean Turner, 92 Westminster St, Boston, Mass.
- Sep. 18, Bldg. W20, 11:46 p.m., Male placed under arrest for assault and battery on a police officer, at W20. Jamie Strickland, 15 Short St., Randolph, Mass arrested.
- Sep. 19, Kresge lot / 82 Amherst St, 3:00 p.m., Caller reports a hit and run to her M/V. Report taken.
- Sep. 19, Bldg. 13, 3:45 p.m., Caller reports a bag with various items in it were stolen from her office area. Report taken.
- Sep. 20, Bldg. NE48, 8:00 a.m., Package of stationary stolen. Report taken.
- Sep. 20, Bldg. 1, 4:30 p.m., Report of two laptops taken from unlocked room.
- Sep. 22, Bldg. W20, 8:07 a.m., Cell phone and laptop stolen while victim asleep. Report taken.
- Sep. 22, Bldg. W1, 6:30 p.m., Report of a male fitting description of larceny suspect, trespass warning issued.
- Sep. 23, Bldg. W20, 9:00 a.m., Report laptop was stolen. Sector 4 officer takes report.
- Sep. 23, Bldg. 26, 10:00 a.m., Dennis Burke, 240 Albany Street, Cambridge arrested by officers on a default warrant.
- Sep. 23, PDT / 97 Bay State Rd, 3:00 p.m., Theft of bicycle. Report taken.
- Sep. 24, Bldg. W31, 9:00 a.m., Bicycle stolen from rack at W31. Sector 4 report.
- Sep. 24, Bldg. W35, 4:45 p.m., Bicycle was stolen from bike rack outside W35-Z Center. Sector 4 dispatched.
- Sep. 25, Bldg. E52, 12:00 a.m., Caller states the Bank of America ATM at E52 was broken into. East car and Sector 1 responding.
- Sep. 25, Bldg. W89, 1:30 a.m., Other police agency reports a sexual assault at off campus living group.
- Sep. 25, Bldg. W34, 1:00 p.m., Bicycle was stolen from bike rack at W34. West car dispatched.
- Sep. 25, Bldg. W51, 7:00 p.m., Caller reports past larceny of his bicycle from ZBT about two days ago.
- Sep. 25, Bldg. W89, 10:30 p.m., Report of forcible fondling. Off campus living group.
- Sep. 25, Bldg. W20, 11:30 p.m., Window of retail establishment maliciously damaged. Officer takes report.
- Sep. 27, Albany garage / 20 Albany St., 6:00 a.m., Larceny of license plate.
- Sep. 28, Bldg. 13, 11:00 a.m., Camera equipment stolen from office area.
- Sep. 28, TC / 528 Beacon St., 1:00 p.m., Vehicle broken into and GPS was stolen. Report taken.
- Sep. 29, Bldg. 31, 2:25 p.m., Larceny of laptop. Report taken.
- Oct. 3, Bldg. NW86, 9:00 a.m., Caller reports unwanted person. West car repsonds to speak with compainant.
- Oct. 8, Bldg. E23, 5:19 p.m., Recieved harrassing call. Report taken by route one officer.
- Oct. 8, Bldg. E17, 9:00 p.m., Larceny of laptop computer. Sector 1 officer takes report.
- Oct. 9, PBE / 400 Memorial Dr, 1:00 a.m., Report of a cell phone and numerous credit cards stolen. Report taken.
- Oct. 9, Bldg. W4, 10:00 a.m., Suspicious person dispatched west car.
- Oct. 9, Bldg. 3, 6:00 p.m., Report of suspicious activity. Officer takes report for suspicious behavior.
- Oct. 10, 196 Massachusetts Ave, 4:27 a.m., Homeless person causing a disturbance on mass. Ave. Officers assist.
- Oct. 11, Bldg. 66, 12:00 a.m., Hard drive was stolen report taken.
- Oct. 11, Bldg. 68, 4:15 p.m., Report of laptop stolen from office area. Report taken.
- Oct. 12, Bldg. E14, 7:40 p.m., Report of a suspicious person.
- Oct. 13, Bldg. W98, 9:00 a.m., Larcney of a laptop. West car responds for report.
- Oct. 14, Bldg. 46, 5:03 p.m., Report of three suspicious males checking out the bike rack in the area. They fled the area and later one male stopped and a trespass warning was issued.
- Oct. 14, Bldg. E15, 6:00 p.m., Larceny of iPad. Sector 1 takes report.
- Oct. 15, Bldg. E15, 12:00 a.m., Stolen bicycle. Dispatched Sector 1.
- Oct. 15, Cross St., 12:30 a.m., Caller states her motor vehicle was hit while parked on cross street ajacent to NW10.
- Oct. 15, Bldg. 33, 12:00 p.m., Laptop stolen. Sector 3 takes report.
- Oct. 15, Bldg. 37, 10:30 p.m., Larceny of 2 digital cameras. Sector 3 officer takes report.
- Oct. 16, Bldg. W20, 5:00 p.m., Larceny of her wallet. Sector 4 officer takes report.
- Oct. 17, Bldg. 7, 9:17 a.m., Homeless person in atrium on the 2nd floor of Bldg. 7. Dispatched east car and Sector 3. Trespass warning issued.
- Oct. 17, 479 Commonwealth Ave, Boston, 12:00 p.m., Theft of laptop computer. Sector 3/4 takes report.
- Oct. 18, 3 Cambridge Ctr, 9:59 a.m., Shoplifting from MIT Coop at 3 Cambridge square.
- Oct. 18, Bldg. E14, 4:30 p.m., Laptop was stolen from his office area. Report taken.

Anna Tang returns home to Brighton, Mass.

Awaits her January 28 competency hearing, determining her future

By John A. Hawkinson

NEWS EDITOR

The saga of Anna L. Tang continues: will she be committed to a mental institution, or can she attempt to lead a normal life? Tang is the mentally ill former Wellesley student who stabbed MIT student Wolfe B. Styke '10 in October of 2007. She was found not guilty of attempted murder and home invasion at her trial on Wednesday, Dec. 8, because she lacked the capacity to conform her conduct to the requirements of the law.

Just hours after her acquittal, prosecutor Suzanne M. Kontz and defense attorney Robert A. George resumed their battle over her fate. George argued Tang should be permitted to spend the holidays with her mother, who was visiting from China, but Kontz asked the judge to immediately have Tang undergo a mental health evaluation. Kontz prevailed and Tang was sent to the Solomon Carter Fuller Mental Health center in Boston that same day.

Similar arguments were reprise at a hearing on December 30, after that evaluation. Both sides and the judge had just received the results

of Tang's evaluation by Dr. Elizabeth Wollheim.

Wollheim's full evaluation is confidential, but Judge Bruce R. Henry read a portion aloud: "Taking all of the above into careful account, it is my opinion and that of her clinical treatment team that Ms. Tang does not currently pose a danger to herself or others by reason of mental illness."

A formal commitment hearing is scheduled for January 28 — the question now is what happens to Tang in the meantime.

Kontz asked for Tang to be committed and detained in jail, noting that while Wollheim did not petition the Commonwealth to have Tang committed, "[She] did strongly recommend that there ... be structures and conditions that were placed on Ms. Tang. It's the Commonwealth's position that the Court can infer that without that highly recommended structure, Ms. Tang would be a danger."

Kontz also indicated that there was no other mechanism short of commitment or confinement that could be used to maintain such structure.

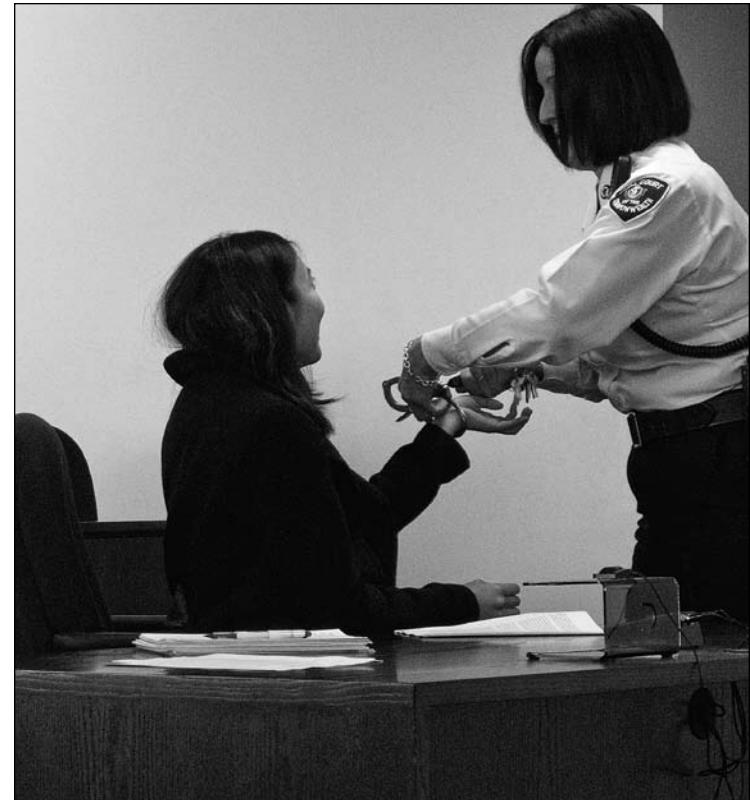
George argued that Tang should be released, and said the Court

could impose any conditions it saw fit to, and that in his reading of the Wollheim report, there was no clinical basis for confinement.

Noting that Tang had been a model probationer, George asked for her to be released and indicated he would agree to the same conditions Tang had prior to the trial. George also said she had received an extension on some of her Boston University coursework through mid-January. Tang took a class in mobile application development in the fall and did work porting an iPhone application to a Android application for a local company.

The judge granted George's request. Tang was permitted to return to her home in Brighton with a new GPS ankle bracelet and her previous conditions, with the exception of \$5,000 cash bail. Tang may not enter Cambridge or be near MIT, and she may only leave home for Court-approved activities in consultation with her probation officer: exercise, doctors visits, and church attendance.

Tang's next court date is the commitment hearing on Friday, Jan. 28. It's expected her long-term freedom will be resolved at that hearing.



JOHN A. HAWKINSON—THE TECH

Anna L. Tang appeared at a hearing in Middlesex Superior Court on December 30. Tang was recently found not guilty (by reason of mental illness) of stabbing Wolfe B. Styke '10 in October 2007.

Why a budget is like a diet — often ineffective

Media Lab researcher develops wallet that's harder to open as you spend more

By Tara Siegel Bernard

THE NEW YORK TIMES

What would you do if your wallet became harder to open as your spending approached or exceeded your budget? Would you think twice about where your money was going?

A product designer at the MIT Media Lab who created a working prototype for such a wallet seems to think so, and he may be on to something. Part of the reason so many people spend too much, or fail to stick to self-imposed budgets, is because parting with our money has become an abstraction in our increasingly cashless society. Credit cards provide immediate gratification, but no immediate consequences. Plucking actual dollars from your pile of cash, research suggests, is more painful, and leads you to spend less.

There's another factor that prevents people from being model financial citizens (besides, of course, uncontrollable circumstances like joblessness). As a species, humans are notoriously poor at following

through with their plans. Sticking to a budget — a dirty word even among many financial planners, who prefer the more euphemistic "spending plan" — feels too much like dieting. And we often fail at both for the same reasons: too much focus on the restrictions, not enough on fun. So it's not surprising when people end up bingeing later, more than making up for dollars not spent or calories not consumed.

On Mint.com, the popular money-tracking website, top goals among the nearly half a million users who set them include paying off debt, creating an emergency fund and saving for retirement. All virtuous goals, to be sure.

The battle, say money and psychology experts, is finding ways to close the gap between good intentions and human nature. So at a time when every dollar counts, how can you accomplish what you're not necessarily wired to do?

It may be a while before that smart wallet hits the shelves (a hinge in the middle of the wallet, wired to your

bank account balance via a Bluetooth connection to your cell phone, makes it harder to open as you reach a spending limit). The main inventor, John A. Kestner SM '10, said he's working on bringing its retail price down to \$60, to "avoid obvious irony."

But there are plenty of mental tricks and strategies that can make your budgeting more sustainable now. In fact, the best strategy is not to think about it as budgeting at all. Instead, set up broad goals and automate all savings and other priorities where you can.

"Self-control is wonderful, but it's just not sufficient," said Meir Statman, a finance professor at Santa Clara University who focuses on behavioral finance and is the author of *What Investors Really Want*.

Start by becoming more conscious of your spending, whether you jot it down in a notepad, on a spreadsheet, or on websites like Mint.com. Then, give your spending plan a sense of purpose; budgets with a goal, whether it's a European vacation or buying a home, tend to be the

most successful.

One strategy to keep spending in check is to employ what's known as mental accounting — dividing your money into separate mental accounts that you treat differently.

"From a psychological standpoint, there is merit to having a separate account for entirely discretionary or luxury spending," said Steve Levinson, a psychologist and co-author of *Following Through: A Revolutionary New Model for Finishing Whatever You Start*. Spending \$100 out of \$300 earmarked for fun will feel more meaningful than pulling out \$100 from your entire \$3,000 monthly budget.

The easiest way to set up a system, experts suggest, is to put your income into separate accounts or subaccounts, including one that distinguishes spending money from money needed for recurring household expenses. And think about working backward: Instead of setting up an overly detailed budget, first decide how much you want to save for retirement and other goals, then work

with what's left over. Life has a natural way of derailing even the best-laid plans, so experts recommend building a cushion, or a slush fund of sorts. "It's the one-time expenses that kill a budget," said Rick Kahler, a financial planner in Rapid City, S.D. "The average person needs to be saving for car repairs every month, they need to be saving for their trips, for Christmas, for medical expenses."

Just don't rely on doing it yourself. Arrange to have the money withdrawn from your paycheck. "We need to exploit automaticity," said Professor David Laibson, a behavioral economist at Harvard. He points to the success of automatic enrollment of new employees into retirement savings plans, like 401(k)s. "We need to build in more of these commitment mechanisms, so we can live up to our intentions."

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New cameras atop Building 54



JOHN A. HAWKINSON—THE TECH

A camera atop Building 54 looks toward the Harvard Bridge. According to Thomas W. Komola, manager of the Security and Emergency Management Office, the camera (and its counterpart, pointed towards the river in front of Back Bay) provide wide views of the bridge and the Charles River in case of public safety incidents, though they have so far not seen use. The video feed is reportedly only accessible from SEMO, and the cameras have remote-controlled optical zoom capability.

Police Log, from Page 12

Oct. 19, Bldg. 32, 4:45 a.m., Sector 2 responds to take report on malicious damage to fire alarms.
 Oct. 19, Bldg. E2, 5:15 a.m., Car 283 checks fire alarm E2. Responding units advise, possible cause was pull station on first floor.
 Oct. 19, Bldg. 66, 6:21 a.m., Sector 3 off with one individual lobby Bldg. 66.
 Oct. 20, Bldg. E15, 3:30 p.m., Laptop computer was stolen from office report taken.
 Oct. 20, Bldg. W20, 4:20 p.m., Person stabbed outside W20, by Anna's Taqueria. All MIT units, Cambridge, MBTA and ambulance. Anna's Taqueria employee was person stabbed. Transported to hospital by pro ALS. Search for suspect also Anna's Taqueria employee.
 Oct. 20, Bldg. 42, 7:00 p.m., West car off with suspicious motor vehicle in the rear of the power plant trespass, warning issued.
 Oct. 21, Bldg. 76, 12:30 p.m., East car responds to Koch building on a larceny report.
 Oct. 22, Bldg. E19, 12:33 p.m., Caller states larceny of piping.
 Oct. 22, Bldg. E38, 2:00 p.m., Larceny of laptop.
 Oct. 22, Bldg. W4, 8:08 p.m., Active fire in the 4th floor kitchen sector 4. Reports that the fire is in the 4th floor west kitchen. CFD updated. Car 287 is on scene with car 282. Unit 12 is on scene. CFD arrives on scene.
 Oct. 22, Bldg. NW86, 10:50 p.m., Control receives a call on the 100 line from the victims of an armed robbery. This incident occurred on Purrington street.
 Oct. 23, Bldg. E23, 3:41 p.m., Two individuals were arguing in the lobby.
 Oct. 23, Commonwealth Ave & Massachusetts Ave, 9:00 p.m., Larceny of a bicycle at the corner of Massachusetts Ave and Commonwealth Ave in Boston.
 Oct. 25, Bldg. 32, 1:00 p.m., Larceny of laptop.
 Oct. 26, Bldg. 32, 5:55 a.m., Annoying e-mails. Report taken.
 Oct. 26, Bldg. 46, 8:00 p.m., Larceny of laptop. Report taken.
 Oct. 27, Bldg. 46, 9:00 a.m., Report iPhone, stolen from lab area. Report taken.
 Oct. 27, Bldg. 12, 2:30 p.m., Past larceny of laptop.
 Oct. 27, Bldg. E17, 2:30 p.m., Report pocketbook was stolen. iPhone, wallet and camera in it report taken.
 Oct. 28, Bldg. E15, 5:00 p.m., Reports a laptop was stolen from the area report taken.
 Oct. 29, Bldg. N42, 4:00 p.m., Larceny of computers.
 Oct. 29, Bldg. 68, 4:00 p.m., East car officer takes larceny of a laptop report.
 Oct. 30, Bldg. N42, 3:00 a.m., Larceny of a laptop, east car officer takes report.
 Nov. 1, Bldg. W79, 9:30 a.m., Bike was stolen report taken.
 Nov. 1, Bldg. 6, 2:10 p.m., Laptop was stolen report taken.
 Nov. 1, Bldg. 10, 5:00 p.m., Pocketbook was stolen from the library study area. Report taken.
 Nov. 2, Bldg. E52, 10:23 p.m., Report of a suspicious male. Arrested John Julian, 240 Albany Street, Cambridge,

arrested on default warrant.
 Nov. 3, Bldg. E23, 10:30 p.m., Scooter stolen from Carleton Street at E23. Sector 1 takes report.
 Nov. 4, Bldg. E14, 9:00 p.m., Caller reports his scooter was stolen, report taken.
 Nov. 5, Bldg. W51, 12:00 p.m., Individual being harassed by person electronically. Report taken.
 Nov. 5, Bldg. 64, 4:32 p.m., Stove fire, is contained. Fire dept. Notified caller advised to activate fire alarm and leave the building. Units dispatched.
 Nov. 6, Bldg. W13, 2:00 a.m., Bike was stolen from the Bexley courtyard.
 Nov. 6, Bldg. 32, 4:30 p.m., Laptop computer stolen.
 Nov. 8, Bldg. W20, 6:00 p.m., Larceny from coin operated machines.
 Nov. 9, Bldg. 13, 12:00 p.m., Laptop stolen report taken.
 Nov. 9, Bldg. W35, 1:10 p.m., Larceny of backpack and wallet.
 Nov. 9, 64 Bay State Road, 1:50 p.m., Larceny of laptop and wallet.
 Nov. 10, Bldg. 33, 4:30 p.m., Sector 3 takes a on a report of a stolen laptop.
 Nov. 10, Bldg. 68, 5:00 p.m., Bike stolen from bike rack outside of 68. Sector 2 takes report.
 Nov. 10, Bldg. W70, 8:45 p.m., Bike was stolen. Report taken.
 Nov. 14, Bldg. 42, 3:45 a.m., Malicious damage. East car officer takes report.
 Nov. 16, Bldg. 31, 6:43 a.m., Reported fire in chemical hood.
 Nov. 16, Bldg. 7, 5:00 p.m., Bike locked with a cable lock was stolen report taken.
 Nov. 18, Bldg. 36, 9:40 a.m., Report of a person intentionally kicked the window on the door. Unable to locate the subject in question.
 Nov. 18, Bldg. 35, 5:40 p.m., Sector 3 takes report of cameras stolen.
 Nov. 19, Bldg. 62, 2:45 a.m., Reports of two males making inappropriate comments.
 Nov. 19, Bldg. 4, 8:00 a.m., Harassing text messages. Sector 3 responding.
 Nov. 19, Bldg. 39, 4:00 p.m., Palm pilot and change purse stolen. Sector 3 report.
 Nov. 19, Bldg. 7, 5:26 p.m., Laptop computer stolen.
 Nov. 23, Bldg. E14, 12:00 a.m., Domestic harassment, Sector 1 takes report.
 Nov. 24, Bldg. E51, 3:50 p.m., Reporting person states wallet stolen from study room.
 Nov. 25, Bldg. E14, 12:00 p.m., Larceny of a laptop. Sector one takes report.
 Nov. 25, Bldg. W61, 8:06 p.m., Window broken in common room west car investigates report.
 Nov. 26, Bldg. W20, 3:00 p.m., Party reports cell phone stolen from W20.
 Nov. 27, Bldg. W70, 12:00 a.m., Object thrown through window. Officers investigate.
 Nov. 28, Bldg. W71, 1:00 a.m., West car officer takes larceny report of a stolen bike.

COMPILED BY JOHN A. HAWKINSON

Many weigh in on *Stanford v. Roche*, siding with Stanford

Things are looking up for Stanford in *Stanford v. Roche*, the university intellectual property case headed for the Supreme Court.

In December, the court scheduled the case for oral argument on Feb. 28, 2011.

Eight separate parties, including the United States Solicitor General, filed amicus curiae (friend-of-the-court) briefs, all supporting Stanford's side of the case. Essentially, they all say that the federal technology transfer law, Bayh-Dole, trumps any contracts that an inventor may have signed — when that inventor is federally funded.

See tech.mit.edu/V130/N61/stanfordroche for the briefs.

—John A. Hawkinson

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UA Finance Board allocations for IAP/Spring 2011

Group	Requested Operations	Allocated Operations	Requested Capital	Allocated Capital	Requested Events	Allocated Events	Requested P&P	Allocated P&P	Total Requested	Total Allocated	% Allocated
Active Minds at MIT	—	—	—	—	\$1,720	\$1,720	\$650	\$550	\$2,370	\$2,270	96%
African Students Association	—	—	—	—	\$1,570	\$1,570	\$125	\$125	\$1,695	\$1,695	100%
AIRMUN	—	—	—	—	\$200	—	\$60	—	\$260	—	0%
American Red Cross Team and Network	\$1,418	\$1,418	—	—	\$980	\$980	\$135	\$135	\$2,533	\$2,533	100%
Amnesty International	—	—	—	—	\$2,035	\$1,985	—	\$200	\$2,035	\$2,185	107%
Asian American Association	\$168	\$168	\$140	\$140	\$790	\$790	\$60	\$135	\$1,158	\$1,233	106%
Asian Baptist Student Koinonia	\$206	\$206	\$100	\$100	\$130	\$130	\$180	\$180	\$616	\$616	100%
Asian Christian Fellowship	\$125	\$125	\$90	\$90	\$420	\$420	\$125	\$125	\$760	\$760	100%
Association of Puerto Rican Students	\$40	—	—	—	\$4,142	\$3,125	\$102	\$91	\$4,284	\$3,216	75%
Association of Taiwanese Students	—	—	\$70	\$70	\$2,290	\$2,290	\$100	\$100	\$2,460	\$2,460	100%
Asymptones	—	—	—	—	\$200	\$200	\$55	\$55	\$255	\$255	100%
Baptist Student Fellowship	—	—	—	—	\$450	\$450	\$25	\$25	\$475	\$475	100%
Best Buddies	—	—	—	—	\$170	\$170	\$65	\$65	\$235	\$235	100%
Biological Engineering & Biomedical Engineering Society	—	—	—	—	\$1,450	\$1,450	\$120	\$120	\$1,570	\$1,570	100%
Black Women's Alliance	—	—	\$150	—	\$1,020	\$940	\$90	\$90	\$1,260	\$1,030	82%
Brain and Cognitive Sciences Society	—	—	—	—	\$602	\$572	\$6	\$6	\$608	\$578	95%
Braintrust	\$55	\$55	—	—	\$220	\$220	\$41	\$41	\$316	\$316	100%
Campus Crusade for Christ	—	—	\$400	—	\$800	\$500	\$75	\$75	\$1,275	\$575	45%
Camp Kesem MIT	—	—	—	—	\$1,804	\$1,804	\$380	\$380	\$2,184	\$2,184	100%
Caribbean Club	\$20	\$20	—	—	\$2,400	\$1,900	—	\$50	\$2,420	\$1,970	81%
Caving Club	\$515	\$515	\$1,424	\$1,424	\$500	\$500	\$40	\$40	\$2,479	\$2,479	100%
Chamak	—	—	\$200	\$200	—	—	—	—	\$200	\$200	100%
Concert Band	\$200	\$200	\$1,075	\$1,075	\$750	\$750	\$185	\$185	\$2,210	\$2,210	100%
Cross Products	\$105	\$105	—	—	\$70	\$70	\$104	\$104	\$279	\$279	100%
Curling Club	\$350	\$350	—	—	\$310	\$310	—	—	\$660	\$660	100%
EASE	\$30	—	—	—	\$170	\$120	\$60	—	\$260	\$120	46%
Engineers Without Borders - MIT	\$14	\$14	\$436	\$436	\$500	\$500	—	—	\$950	\$950	100%
Equestrian Club	\$1,550	\$1,250	—	—	—	—	—	—	\$1,550	\$1,250	81%
GaMIT	—	—	—	—	\$1,505	\$1,505	\$25	\$25	\$1,530	\$1,530	100%
Gilbert and Sullivan Players	—	—	—	—	\$240	\$240	—	—	\$240	\$240	100%
Global Poverty Initiative	—	—	—	—	\$956	\$956	\$120	\$120	\$1,076	\$1,076	100%
Habitat for Humanity	\$1,200	\$1,200	—	—	\$1,976	\$1,976	\$200	\$200	\$3,376	\$3,376	100%
Hillel	\$175	\$175	\$400	\$200	\$2,060	\$2,060	\$285	\$285	\$2,920	\$2,720	93%
Hindu Students Council	\$325	\$25	\$30	\$30	\$770	\$770	\$90	\$90	\$1,215	\$915	75%
Hong Kong Student Society	—	—	\$100	\$100	\$1,900	\$1,350	—	—	\$2,000	\$1,450	73%
Imobilare	—	—	—	—	—	—	\$100	\$100	\$100	\$100	100%
International Development Consultants	—	—	\$50	\$180	\$350	\$350	\$710	\$200	\$1,110	\$730	66%
Komaza	\$500	—	—	—	—	—	\$1,600	—	\$2,100	—	0%
Korean Students Association	\$70	\$70	\$300	—	\$400	\$200	\$100	\$100	\$870	\$370	43%
La Union Chicana por Aztlan	\$1,600	\$750	—	—	\$2,906	\$915	\$215	\$115	\$4,721	\$1,780	38%
Lab for Chocolate Science	—	—	\$50	\$50	\$600	\$600	\$50	\$50	\$700	\$700	100%
Live Music Connection	—	—	—	—	\$780	\$780	\$375	\$375	\$1,155	\$1,155	100%
MentorConnection	\$600	—	—	—	\$650	—	\$100	—	\$1,350	—	0%
Mexican American Engineers and Scientists (MAES)	\$200	\$200	\$150	\$150	\$371	\$371	\$450	\$450	\$1,171	\$1,171	100%
MIT American Medical Student's Association	—	—	—	—	\$1,400	\$1,400	\$70	\$70	\$1,470	\$1,470	100%
MIT Anime	\$31	\$31	\$3,070	\$1,070	\$470	\$470	\$11	\$11	\$3,582	\$1,582	44%
MIT Assassin's Guild	\$220	\$220	\$120	\$120	\$580	\$580	\$100	\$100	\$1,020	\$1,020	100%
MIT BhaktiYoga	\$1,500	—	—	—	—	—	\$120	—	\$1,620	—	0%
MIT Bhangra	\$3,200	—	\$825	—	—	—	—	—	\$4,025	—	0%
MIT Black Student's Union	—	—	—	—	\$8,900	\$1,200	—	—	\$8,900	\$1,200	13%
MIT Casino Rueda	\$800	—	\$250	\$250	\$810	\$820	\$40	\$40	\$1,900	\$1,110	58%
MIT Chess Club	\$553	\$513	\$180	\$180	\$445	\$360	\$20	\$20	\$1,198	\$1,073	90%
MIT Chinese Ensemble	—	—	\$40	\$40	\$160	\$160	\$50	\$50	\$250	\$250	100%
MIT Chinese Students's Club	\$270	\$120	\$560	\$340	\$5,240	\$2,490	\$200	\$250	\$6,270	\$3,200	51%
MIT Chinese Yo-Yo Club	—	—	\$300	\$300	\$300	\$300	\$100	\$100	\$700	\$700	100%
MIT Dance Troupe	—	—	\$120	\$120	—	—	—	—	\$120	\$120	100%
MIT Debate Team	\$2,280	\$2,280	—	—	—	—	—	—	\$2,280	\$2,280	100%
MIT Filipino Students Association	—	—	—	—	\$650	\$650	—	—	\$650	\$650	100%
MIT Go Club	—	—	\$500	\$500	\$230	\$180	\$30	\$30	\$760	\$710	93%
MIT Gospel Choir	\$350	\$350	\$200	—	\$300	\$300	\$100	\$100	\$950	\$750	79%
MIT HAPA	—	—	—	—	\$800	\$800	—	—	\$800	\$800	100%
MIT Hawaii Club	—	—	\$130	\$130	\$900	\$900	\$100	\$100	\$1,130	\$1,130	100%
MIT Intervarsity	\$100	\$100	—	—	\$310	\$310	\$75	\$75	\$485	\$485	100%
MIT LDSSA	\$220	—	—	—	\$495	—	\$100	—	\$815	—	0%
MIT Lion Dance Club	\$10	\$10	\$90	\$90	\$225	\$200	\$10	\$10	\$335	\$310	93%
MIT Logarithms	\$1,500	\$1,500	\$50	\$50	\$150	—	\$627	\$180	\$2,327	\$1,730	74%
MIT Marching Band	\$75	\$75	\$125	\$125	—	—	\$75	\$75	\$275	\$275	100%
MIT Mocha Moves	—	—	\$100	\$100	\$1,324	\$1,324	\$100	\$100	\$1,524	\$1,524	100%
MIT Muses	\$50	\$50	—	—	—	—	\$50	\$50	\$100	\$100	100%
MIT Pro-Life	—	—	—	—	\$480	\$480	—	—	\$480	\$480	100%
MIT Quidditch	\$250	\$250	\$370	\$370	\$300	\$300	\$75	\$75	\$995	\$995	100%
MIT Rocket Team	—	—	—	—	\$400	\$400	—	—	\$400	\$400	100%
MIT Satellite Team	\$500	—	—	—	\$250	—	\$100	—	\$850	—	0%
MIT Starleague	—	—	—	—	\$200	—	\$40	—	\$240	—	0%
MIT Students for Israel	—	—	—	—	\$760	\$760					

SPORTS SHORTS**Men's Basketball loses to Harvard on New Year's Eve**

The MIT Men's Basketball team lost to Harvard on New Years Eve, with a final score of 84-58. Ranked 19th in Division III, The Engineers struggled from the beginning, quickly falling behind the Crimson as they took a 7-0 lead in the first two minutes. The Engineers took the lead, at 11-10, with thirteen minutes

to go in the first half. After a few strong plays, Harvard regained the lead, ending the first half leading MIT 44-26. The Engineers continued to fight in the second half, with forward William Tashman '13 helping keep up a strong pace, but Harvard maintained a solid lead for the remainder of the second half. The Crimson led by 34 points with eight minutes left in the second half, finishing the game with 95 percent of free throws completed and a 26 point lead over the Engineers. After an eight game winning streak, the Engineers are now 9-2 for the season.

—Shelley Ackerman,
Associate Editor

UPCOMING HOME EVENTS**Wednesday, January 5**

Women's Basketball vs. Clark University

6 p.m., Rockwell Cage

Men's Basketball vs. Tufts University

8 p.m., Rockwell Cage

Saturday, January 8

Men's and Women's Track & Field
Alumni Meet

9 a.m.

Men's Basketball vs. Babson College

2 p.m. Rockwell Cage

Taking advantage of one of Boston's unique thrills
Try soaking in a Bruins hockey game

By Nidharshan Anandasivam

Many Bostonians have been to Fenway Park to see the ever-popular Red Sox play. The sounds of the roaring cheers that engulf the stadium following a solid crack of the bat or the whiff of a 95 mph fastball, not to mention the excitement and anticipation present whenever David "Big Papi" Ortiz steps up to the plate or when Tim Wakefield seemingly defies projectile dynamics with his crazy pitching style on the mound, are experiences few fans would be willing to give up.

But even hardcore Sox fans will admit that there are times in the game, especially between innings, when the atmosphere dulls and the intensity of the crowd dies down. Imagine how enthralling a Sox game would be without any of the pauses caused by changing batters or waiting for the next pitch. Well, if you want to do more than imagine, go to a Boston Bruins game!

Hockey never slows down. Since fresh legs constantly replace tired ones without disrupting the flow of the game, the action is always fresh and exciting for the fans. A minute does not pass without a player

smashing an opponent into the boards or without a superstar's brilliant move to fake out a poke-checking defender intent on making the steal. One blink of an eye and you may miss a spectacular diving save by the goaltender or a high-speed one-timer by a sharp-shooting forward.

Being absorbed in the thick of the action is fundamental to being a serious Bruins fan. The NHL is fun to watch live when any two teams clash on the ice, but there's something different about a Bruins game at the Garden. It may be the ferocity of the hits delivered by tall, feared Bruin defenseman Zdeno Chara or the scoring talent of left-winger Milan Lucic. Or it may be the spirited enthusiasm of Bruin fanatics waving on their beloved team. Whatever the case, there's definitely something special about the experience.

So the next time you have the opportunity to witness the magic of a Bruins game, go for it! You won't regret the unmatched adrenaline rush that pervades TD Garden when a Bruin lifts his stick to slam the puck into the net and light the lamp (and the eyes of the fans)!

HIGHLIGHTS**MONDAY**

Neal Elliott (ACEEE): *An Efficient Future for Energy Use in the Built Environment* (featured lecture)

2-3pm. 32-141

Energy efficiency research & education
(panel discussion)

3:30-5pm. 32-141

TUESDAY

Forum on energy efficiency in MIT's campus operations
11am-12pm. E62 (new Sloan) lobby

Energy education open house

2-3pm. E19-319

WEDNESDAY

Tour of Energy Features of Sloan E62

1-2pm, 2-3pm. E62 (new Sloan) lobby

Energy careers: a panel featuring MIT alumni

5-7pm. 32-155

THURSDAY

Primer on transportation fuels

9am-4pm. 56-114

Residential energy savings (featured lecture)

6:30-8pm. 32-141

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FRIDAY

Wind Energy 101 seminar

11am-12pm. 3-133

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